

# KENTUCKY STATE UNIVERSITY CATALOGUE 1994-1996

# KENTUCKY STATE UNIVERSITY CATALOGUE 1994-1996

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This Catalogue provides information to the student or prospective student of Kentucky State University concerning programs and services available at the time of publication. Curricula, courses, degree requirements, fees, and policies are subject to constant review. Specific details may vary from the statements printed here without further notice.

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# **ACCREDITATION**

Kentucky State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award degrees at the associate, baccalaureate, and master's levels.

Credits earned at Kentucky State University are accepted by other accredited institutions of higher education throughout the country for transfer credit, graduate study, professional placement, and employment opportunities. The University also holds full membership in and/or accreditation from the following state, regional, and national educational or professional organizations:

American Association for Higher Education
American Association of Colleges for Teacher Education
American Association of Collegiate Registrars and
Admissions Officers
American Association of State Colleges and Universities
American College Health Association
American Council on Education
American Dietetic Association
American Home Economics Association
American Library Association
Association of American Colleges
Association of College and University Auditors
Association of Collegiate Business Schools and Programs
Association of Gerontology in Higher Education
Association of Governing Boards of Universities

and Colleges

College Entrance Examination Board

Council for Adult and Experiential Learning Council for the Advancement and Support of Education Council on Social Work Education Kentucky Academy of Science Kentucky Association of Collegiate Registrars and Admissions Officers Kentucky Board of Nursing Kentucky Council for International Education Kentucky Council of Associate Degree Nursing Kentucky Department of Education National Academy of Early Childhood Programs National Association for Equal Opportunity in Higher Education National Association of Colleges and University Business Officers National Association of Schools of Music National Association of Schools of Public Affairs and Administration National Association of State Universities and Land Grant Colleges National Association of Student Financial Aid Administrators National Business Education Association National Collegiate Athletic Association National Committee for Cooperative Education National Council for Accreditation of Teacher Education National League for Nursing Southern Association of Collegiate Registrars and Admissions Southern Council of Collegiate Education for Nursing

# UNIVERSITY ACADEMIC CALENDAR

FALL SEMESTI	ER 1994	December 7	Wednesday — Reading Day (no
April 4	Monday — Preregistration for fall		exams except for Wednesday
- rang —	semester begins		evening classes)
April 22	Friday — Preregistration for fall	December 10	Saturday — Semester ends
ripin 22	semester ends	December 12	Monday — All grades due in the
August 10.12	Wednesday-Friday — New student		Office of Records and Registration
August 10-12	orientation		not later than 12:00 noon
Lembe noon U			
August 12	Friday — Registration for new	SPRING SEM	ESTER 1995
	degree-seeking students	October 31	Monday — Preregistration for
August 15-17	Monday-Wednesday — Continuing		spring semester begins
	students register or complete	November 18	Friday — Preregistration for spring
	registration according to the	ni eus en	semester ends
	beginning letter of last name	January 4-6	Wednesday-Friday — New student
	Monday — A thru I	juridary 40	orientation
	Tuesday — J thru R	Innuary 6	Friday — Registration for new
	Wednesday — S thru Z	January 6	degree-seeking students
August 18	Thursday — Classes begin	I 0.11	
August 26	Friday — Last day of late	January 9-11	Monday-Wednesday — Continuing
a supplied of other to a	registration		students register or complete
	Friday — Last day to add/change		registration according to the
	registration		beginning letter of last name
September 2	Friday — Last day to submit		Monday—S thru Z
September 2	Application for Degree to		Tuesday—A thru I
	Academic Units for the Fall		Wednesday—J thru R
		January 12	Thursday — Classes begin
es hegging your	Semester 1994	January 16	Monday — Academic holiday
September 5	Monday — Academic holiday		(Observance of Martin Luther
	(Labor Day)		King, Jr.'s Birthday)
September 16	Friday — Last day to submit	January 20	Friday — Last day of late
	Application for Degree to Records	jurtuary 20	registration
	and Registration for the Fall		Friday — Last day to add/change
	Semester 1994		registration
September 23	Friday — Last day to drop classes	Innuary 27	Friday — Last day to submit
Taking 1501 9919	or withdraw from the University	January 27	Application for Degree to
	and receive a "W"		
October 9-15	Sunday-Saturday — Midterm		Academic Units for the Spring
we with figure of	examinations	T.1 40	Semester 1995
October 22	Saturday — Homecoming	February 10	Friday — Last day to submit
October 28	Friday — Last day to drop classes		Application for Degree to Records
October 20	or withdraw from the University		and Registration for the Spring
	with a "WP" or "WF"		Semester 1995
Ostalasa 21	Monday — Preregistration for	February 17	Friday — Last day to drop classes
October 31			or withdraw from the University
	spring semester begins		and receive a "W"
November 18	Friday — Preregistration for spring	February 20	Monday — Academic holiday
Latery 9	semester ends	and most	(Observance of Presidents' Day)
November 23	Wednesday — Thanksgiving	March 5-11	Sunday-Saturday — Midterm
	holiday begins at 12:00 noon	- Midierm	examinations
November 28	Monday — Classes resume	March 13-17	Monday-Friday — Spring vacation
December 3	Saturday — Last day of classes	March 31	Friday — Last day to drop classes
December 4-10	Sunday-Saturday — Final	Maich 31	or withdraw from the University
	examinations		with a "WP" or "WF"
			with a vvr of vvr

April 10	Monday - Preregistration for	July 10	Monday — Last day to drop
	summer session and fall semester begins	Connect for Areas	classes or withdraw from the University with a "WP" or "WF"
April 28	Friday — Preregistration for	July 27-29	Thursday-Saturday — Final
	summer session and fall semester	July 27 27	examinations
	ends	July 29	Saturday — Session ends
April 29-May 5	Saturday-Friday — Final	July 31	Monday — All grades due in the
	examinations for prospective	- New Househire	Office of Records and Registration
	graduates		not later than 12:00 noon
May 6	Saturday — Last day of classes	FALL CENTERS	ugust 12 ministration serging
May 6-12	Saturday-Friday — Final	FALL SEMEST	
14-0	examinations	April 10	Monday — Preregistration for fall
May 8	Monday — All grades for	A1 20	semester begins
	prospective graduates due in	April 28	Friday — Preregistration for fall
	Records and Registration not later	August 16 10	semester ends
May 10	than 12:00 noon	August 16-18	Wednesday-Friday — New studen
May 10	Wednesday — Reading Day (no	August 18	orientation
	exams except for Wednesday	August 10	Friday — Registration for new
May 12	evening classes)	August 21-23	degree-seeking students
May 13	Friday — Semester ends	August 21-23	Monday-Wednesday — Continuing students register or complete
Way 15	Saturday — Commencement Convocation		registration according to the
May 15	Monday — All grades due in the		beginning letter of last name
way 10	Office of Records and Registration		Monday — J thru R
	not later than 12:00 noon		Tuesday — S thru Z
May 29	Monday — Academic holiday		Wednesday — A thru I
And of the ball of the ball	(Memorial Day)	August 24	Thursday — Classes begin
	sold be the manufactor	September 1	Friday — Last day of late
SUMMER SE	SSION 1995	Southern Associates	registration
April 10	Monday — Preregistration for		Friday — Last day to add/change
The second second	summer session begins		registration
April 28	Friday — Preregistration for	September 4	Monday — Academic holiday
	summer session ends		(Labor Day)
June 2	Friday — Regular registration for	September 8	Friday — Last day to submit
to en	summer session		Application for Degree to
June 5	Monday — Classes begin		Academic Units for the Fall
June 7	Wednesday — Last day of late	- Midterm	Semester 1995
	registration	September 22	Friday — Last day to submit
	Wednesday — Last day to		Application for Degree to Records
June 16	add/change registration		and Registration for the Fall
June 16	Friday — Last day to submit	C in the Collins	Semester 1995
	Application for Degree to Records	September 29	Friday — Last day to drop classes
	and Registration for the Summer Session 1995		or withdraw from the University
June 21		October 15 21	and receive a "W"
me holiday	Wednesday — Last day to drop classes or withdraw from the	October 15-21	Sunday-Saturday — Midterm
	University and receive a "W"	Octobor 21	examinations
June 29-July 1	Thursday-Saturday — Midterm	October 21 November 3	Saturday — Homecoming
, July 1	examinations	November 3	Friday — Last day to drop classes
July 4	Tuesday — Academic holiday		or withdraw from the University
to drop classes	(Independence Day)	November 6	with a "WP" or "WF"
		TAOVEILIDEI U	Monday — Preregistration for

			ACADEMIC CALENDAR
November 22	Wednesday — Thanksgiving	February 19	Monday — Academic holiday
November 24	holiday begins at 12:00 noon Friday — Preregistration for spring	March 3-9	(Observance of Presidents' Day) Sunday-Saturday — Midterm
Marrambar 27	semester ends	March 11-15	examinations  Monday Friday Spring vacation
November 27 December 9	Monday — Classes resume Saturday — Last day of classes	March 29	Monday-Friday — Spring vacation Friday — Last day to drop classes
December 10-16	Sunday-Saturday — Final examinations	Water 29	or withdraw from the University with a "WP" or "WF"
December 12	Tuesday — Gubernatorial Inauguration Day Reading Day (no exams except for	April 8	Monday — Preregistration for summer session and fall semester begins
	Tuesday evening classes)	April 26	Friday — Preregistration for
December 16	Saturday — Semester ends	ripin 20	summer session and fall semester
December 18	Monday — All grades due in the		ends
a status of santacky.	Office of Records and Registration not later than 12:00 noon	April 27-May 3	Saturday-Friday — Final examinations for prospective graduates
SPRING SEMI	ESTER 1996	May 4	Saturday — Last day of classes
November 6	Monday — Preregistration for spring semester begins	May 4-10	Saturday-Friday — Final examinations
November 24	Friday — Preregistration for spring semester ends	May 8	Wednesday — Reading Day (no exams except for Wednesday
January 3-5	Wednesday-Friday — New student orientation	Mar. 10	evening classes)
January 5	Friday — Registration for new	May 10 May 11	Friday — Semester ends Saturday — Commencement
Carrelly.	degree-seeking students	Way 11	Convocation
January 8-10	Monday-Wednesday — Continuing students register or complete registration according to the	May 13	Monday — All grades due in the Office of Records and Registration
	beginning letter of last name  Monday—A thru I  Tuesday—J thru R	May 27	not later than 12:00 noon Monday — Academic holiday (Memorial Day)
	Wednesday—S thru Z	SUMMER SES	SION 1996
January 11 January 15	Thursday — Classes begin Monday — Academic holiday	April 8	Monday — Preregistration for summer session begins
Es whi	(Observance of Martin Luther King, Jr.'s Birthday)	April 26	Friday — Preregistration for summer session ends
January 19	Friday — Last day of late registration	May 31	Friday — Regular registration for summer session
	Friday — Last day to add/change	June 3	Monday — Classes begin
	registration	June 5	Wednesday — Last day of late
January 26	Friday — Last day to submit Application for Degree to Academic Units for the Spring		registration Wednesday — Last day to add/change registration
February 9	Semester 1996 Friday — Last day to submit Application for Degree to Records	June 14	Friday — Last day to submit Application for Degree to Records and Registration for the Summer Session 1996
	and Registration for the Spring	June 10	
February 16	Semester 1996 Friday — Last day to drop classes or withdraw from the University and receive a "W"	June 19	Wednesday — Last day to drop classes or withdraw from the University and receive a "W"

10 ACAD	DEMIC CALENDAR		
June 26-28	Wednesday-Friday — Midterm	July 24-26 .	Wednesday-Friday — Final
July 4	examinations Thursday — Academic holiday (Observance of Independence Day)	July 26 July 29	examinations Friday — Session ends Monday — All grades due in the Office of Records and Registration
July 8	Monday — Last day to drop classes or withdraw from the University with a "WP" or "WF"		not later than 12:00 noon
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# A LETTER FROM THE PRESIDENT

We are pleased that you have chosen to continue your education. We are also pleased that you have selected Kentucky State University.

Kentucky State University is not for everyone. It is, however, an excellent institution of higher education for those students who are truly serious about learning. It represents the best of public education by offering the type and quality of instruction that one would expect to find in a private college or university. By considering Kentucky State University, you have decided to commit your time to becoming a scholar. This requires discipline and many hours of study.

At Kentucky State, the intent is to help students acquire a breadth of learning. We live in a highly competitive, technological, culturally diverse society; therefore, graduates must be able to compete globally. Kentucky State University ensures that its students not only have a mastery of a field of specialization but also a breadth of knowledge and skills in a wide array of disciplines. Graduates can think logically and creatively, can make rational decisions based on facts, and can appreciate and value cultural diversity.

With the development of the above skills and knowledge, one can adapt easily to the workplace. No institution can teach students everything that they need to know for the rest of their lives. It can, however, help them to become equipped with those skills, values, and knowledge that are essential for lifelong learning. Education should help students learn skills which help them face each problem in life as a new challenge to be analyzed and solved. It should free the mind so that the learner's creativity is unleashed. In order for this to occur, the student must experience success. At Kentucky State University, each student is provided the opportunity to experience success.

At Kentucky State University, education is based on a commitment by faculty, staff, and administrators to help students reach their potential



so that they can leave the University fully capable of making a contribution to society. Each student will have the foundation to become an effective family member, worker, and citizen. It is only when people of all groups make a commitment to improve society do we truly have an educated citizenry.

Sincerely

Many L. Pmith

Mary L. Smith President

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# THE UNIVERSITY: A HISTORY OF PUBLIC SERVICE

# MORE THAN A CENTURY OF EXCELLENCE IN HIGHER EDUCATION

From its modest beginnings as a small normal school for the training of black teachers for the black schools of Kentucky, Kentucky State University has grown and evolved to become the state's unique, small, liberal studies institution, serving students without regard to their race, age, sex, national origin, or economic status. In addition to instruction, research and public service have produced important, although secondary, emphases at the University.

The University was chartered in May 1886 as the State Normal School for Colored Persons, only the second state-supported institution of higher learning in Kentucky. During the euphoria of Frankfort's 1886 centennial celebration, when vivid recollections of the Civil War remained, the city's 4,000 residents were keenly interested in having the new institution located in Frankfort. Toward that end, the city donated \$1,500 — a considerable amount in 1886 dollars — and a site on a scenic bluff overlooking the town. This united display of community enthusiasm and commitment won the day. The new college was located in Frankfort in spite of competition from several other cities.

Recitation Hall (now Jackson Hall), the college's first building, was erected in 1887. The new school opened on October 11, 1887 with three teachers, 55 students, and John H. Jackson as president.

In 1890 the institution became a land-grant college, and the departments of home economics, agriculture, and mechanics were added to the school's curriculum. The school produced its first graduating class of five students in the spring of that year. A high school was organized in 1893. This expansion continued into the twentieth century in both name and program. In 1902, the name was changed to Kentucky Normal and Industrial Institute for Colored Persons. The name was changed again in 1926 to Kentucky State Industrial College for Colored Persons. In the early 1930's the high school was discontinued, and in 1938 the school was named the Kentucky State College for Negroes. The term "for Negroes" was dropped in 1952. Kentucky State College became a university in 1972, and in 1973 the first graduate students enrolled in its School of Public Affairs.

Over the past 25 years the University's enrollment and faculty have more than doubled, and 29 new structures or major building expansions have enhanced Kentucky State University's 475-acre campus, which includes a 167-acre agricultural research farm.

The year 1986 marked the University's centennial anniversary and its evolution over the previous century into a coeducational, liberal arts institution.

Kentucky State University is the smallest of Kentucky's public universities with an enrollment of approximately 2,500 students and some 130 full-time instructional faculty members. During a typical academic year, the University's student and faculty composition indicates a substantial racial balance:

Students

61% full-time

39% part-time

78% residents of Kentucky

21% non-Kentucky residents

1% foreign

48% black

51% white

1% other

Faculty

29% black

59% white

12% Asian

Kentucky State University today has 34 campus structures to serve its family, ten of which are used for instructional purposes. Many courses are taught each academic year in off-campus classes throughout Franklin County and the surrounding six-county service area. The University's student-faculty ratio (approximately 14:1) is the lowest among public institutions of higher learning in Kentucky.

Today's students have the opportunity to receive associate (two-year) degrees in six disciplines, baccalaureate (four-year) degrees in 26 disciplines — several of which have optional specializations — and the Master of Public Administration degree. Students may also elect to prepare for professional schools through the University's arrangements with the University of Kentucky, the University of Louisville, the University of Maryland at College Park, Vanderbilt University, Meharry Medical College, Florida A & M University, Northern Kentucky University, Auburn University, Tuskegee University, the Southern College of Optometry (Memphis), the University of Houston, and the University of Alabama-Birmingham.

# THE UNIQUENESS OF KENTUCKY STATE UNIVERSITY

Kentucky State University's mission and its academic emphasis have changed many times over the years. By the mid-1970s, Kentucky State University had become a small comprehensive university.

Seeking to develop a unique role, an unduplicated mission, and a special niche for Kentucky State University among Kentucky's public institutions of higher learning, the University and the Kentucky Council on Higher Education jointly developed a new mission for the institution in 1982 and have subsequently refined its mission in 1993:

Kentucky State University is the state's unique, small, liberal studies institution with the lowest student-faculty ratio in the state system. The University shall serve as a residential institution with a range of traditional collegiate programs appropriate to its unique role.

Geographic Region. Kentucky State University's geographic region shall be state-wide for its liberal studies mission, its land grant functions, and its service to state government. In addition, Kentucky State University's primary service area for commuting students shall be for Franklin and contiguous counties.

Institutional Admission Standards. Kentucky State University shall admit students to the institution under selective admission standards which exceed the minimum guidelines established by the Council on Higher Education, with only limited exceptions. Institutional guidelines shall be consistent with the system-wide policy for admitting underprepared students, including the removal of academic deficiencies within a specified timeframe. Through this approach, the University seeks to provide broad access and high-quality programs.

<u>Degree Levels</u>. Selected associate and baccalaureate degree programs shall be oriented toward liberal studies and selected career opportunities related to state government services. Kentucky State University shall offer selected master's degree programs based on demonstrated need, with priority given to a public administration curriculum to meet the needs of state government.

Strategic Directions/Program Priorities. The University shall focus on liberal studies programming. Drawing upon its African-American heritage, the University will promote the values and methods of interdisciplinary and multicultural education in its liberal studies offerings. All students shall participate in common curricula that explore the liberal studies. Drawing upon the multicultural strengths of the University, emphasis shall be placed on preparing minority students for careers in education and in other selected professions including business, computer science, nursing, human services, and public services.

These strategic priorities translate into a core of liberal arts baccalaureate degree programs, in addition to degree program priorities at the associate [A], baccalaureate [B], and master's [M] levels that may include the following: education [B]; business [B]; computer science [A,B]; nursing [A]; home economics [B]; human services [B]; and public administration [B,M].

Enhancement of Instruction. The University shall emphasize teaching. Meeting student needs shall be paramount. The University shall focus on the needs of its students, which include, but are not limited to, full-time and part-time residential students, commuting students from its primary service area, and state governmental employees.

Service and Research Functions. Kentucky State University, as the 1890 land grant institution in the system, shall carry outs its responsibilities under federal law and participate fully in appropriate U.S. Department of Agriculture programs, in accord with the mission of the University.

Kentucky State University shall be the major repository for the collection of books, records, and artifacts relative to the history and status of African-American citizens of the Commonwealth and elsewhere. The University shall make such materials available for casual and scholarly study.

Kentucky State University shall focus on meeting the applied research and service needs of state government.

Collaborative Ventures. The priority master's degree program offered by Kentucky State University shall be carefully articulated with related doctoral programs offered by the doctoral-granting institutions in the system. The University shall develop and employ telecommunication resources to communicate with other institutions in the fulfillment of its mission. Curriculum development shall emphasize the transfer of credits from other institutions toward degree completion.

Efficiency and Effectiveness. Kentucky State University shall promote cost effectiveness in academic programming and institutional management. Strategic planning resulting in the elimination of duplicative or non-productive programs is essential while the development of carefully selected new programs compatible with the mission is appropriate. Measures of quality and performance shall be the foundation of the University's accountability system which promotes the continuous improvement of programs and services.

Since July 1, 1982, Kentucky State University has steadily progressed in achieving its new mission.

In Fall 1983, newly developed Liberal Studies Requirements were implemented. These courses provide a coherently structured educational foundation for every

student seeking a baccalaureate degree from the University. At the heart of the Liberal Studies curriculum is an innovative series of seven seminar courses called Integrative Studies. Three of these courses (IGS 200, 201, and 300) are organized as a sequence, giving students the opportunity to encounter a variety of cultural and intellectual perspectives. The sequence begins with ancient civilizations in Mesopotamia, Egypt, India, China, and Greece and extends to the 20th century. The fourth course required is selected by the student from courses exploring specific world cultures (IGS 301, 302, 303, or 304). In addition to those required courses, Integrative Studies also offers a Senior Seminar (IGS 499) for students who are interested in exploring a specific interdisciplinary theme. The program became an integral part of the curriculum in Fall 1983. Teachers from all disciplines are invited to participate.

Also included in the Liberal Studies Requirements are courses in speech, mathematics, and foreign languages. Finally, students are required to undertake work in the areas of behavioral and social sciences, natural sciences, and health education or physical education activity courses. In keeping with its liberal studies educational mission, Kentucky State University has the most comprehensive program of general education requirements of any of the Commonwealth's public institutions of higher learning.

One of the most exciting and far-reaching changes in the University in recent years was the establishment of the Whitney M. Young, Jr. College of Leadership Studies. The College and its unique program, begun in Fall 1983, are modeled after the distinctive program of "Great Books" at St. John's College in Annapolis, Maryland and Sante Fe, New Mexico. The Whitney M. Young, Jr. College of Leadership Studies program has brought unique intellectual stature to Kentucky State University. Details of this program may be found elsewhere in this Catalogue.

In recent years, a further development has attracted additional numbers of students who are serious about education. Beginning with the 1985 graduating class, three percent of the openings in Kentucky's publicly-supported law, dental, and medical schools have been

made available to Kentucky State University graduates who are Kentucky residents. Under the agreement between the University and the other institutions, Kentucky State University graduates have a singular opportunity to pursue professional education.

Kentucky State University's new educational mission, though centered on degree programs that emphasize liberal studies, also places considerable importance on the University's public service commitments. Three developments in particular highlight this continued role. In 1982 the Governor of the Commonwealth, through an executive order, moved all state government training capabilities to the University under the auspices of the Governmental Services Center at Kentucky State University. Thousands of state government employees are drawn annually to the University's campus to attend workshops and seminars.

At the same time the Governmental Services Center arrived at Kentucky State University, a state government intern and cooperative education program was implemented for the University's students. Participating students gain first-hand experience in government administration while earning from 3 to 12 academic semester credit hours. A supplementary internship program, in which pre-law students gain experience and earn academic credits as interns in the Office of the State Attorney General, was begun in early 1986.

In 1993, the University founded a Center of Excellence for the Study of Kentucky African-Americans. The mission of this Center is to serve as a cultural, research, and teaching resource that will identify, collect, develop, research, preserve, and disseminate information and materials about Kentucky African-Americans, the African-American, the African heritage and experiences, and their contributions to world civilization.

These developments and others make Kentucky State University unique among the state's public universities. The University, now well into its second century of educational service to Kentucky and the nation, continuously seeks to become an even more vital educational entity and to achieve excellence as a liberal studies institution that is second to none.

# LIBERAL STUDIES AND THE UNIVERSITY

Kentucky State University is the Commonwealth's unique public liberal studies institution.

Liberal studies comprise the traditional subjects of the arts and sciences including but not limited to mathematics, poetry, history, social sciences, literature and languages, fine arts, philosophy, and the natural sciences.

Subject matter alone, however, exhausts neither the meaning of liberal studies nor of a liberal education. A liberal studies education and preparation for a career or a profession are obviously not mutually exclusive. Whether one is a pre-engineering or an English major, a pre-medical or pre-law student, a computer science student or someone interested in a career in teacher education or business management, Kentucky State University best serves those students who regardless of their longrange goals seek to think for themselves. Such students are those who wish to think clearly, to argue persuasively, to write with clarity and liveliness, and to gain both a cultural and historical perspective on the human experience as well as in-depth knowledge in at least one area of human thought. Liberal studies spark curiosity and broaden vision. Liberal education provides the tools by which men and women come to understand the world, each other, and themselves.

In short, liberal studies develop independent and critical thinking. More critical than the development of specialized skills, the development of independent thinking is the foundation for personal growth. The posses-

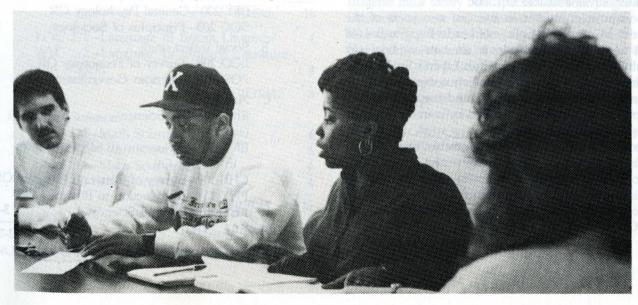
sion of specific skills, however important though they may be, is insufficient if one is unable to confront changes with clarity of thought and resourcefulness. Job skills change with the passing of time and the shifting demands of industry; however, the ability to think for oneself is the governing resource of truly educated individuals.

In a 1983 speech at Kentucky State University, Edwin Delattre, then president of St. John's College, spoke of the power of liberal education:

Minds can be shackled by laws against education, by parental indifference, by propaganda, by distinction, and in a thousand other ways. Worst of all, people can enslave, enshackle, victimize their own minds, without any help from anyone else. It happens all the time, and you can see the marks, the wounds and scars, of these shackles every day, everywhere, if you know what to look for. It is often very hard, though, to see or feel these shackles inside oneself.

Liberal education — liberating education — is the kind which ferrets out these shackles, seeks to open them where they exist, and prevent them where they do not.

Education of this sort must be earned: it comes with persistence and effort. Ultimately, liberal studies require the courage to follow a question persistently and resourcefully wherever it might lead. At Kentucky State University, education is the daily pursuit of intellectual and moral maturity by students, faculty, and staff.



# THE ACADEMIC PROGRAM

Kentucky State University serves many ends and many needs, but the true test of an institution's quality is whether its graduates have learned to think for themselves. St. Augustine paid his education the compliment of saying that as a result of it he could read anything that was written, understand anything that he heard, and say anything he thought. There can be no higher praise.

Every baccalaureate degree program at the University is designed to provide students with a sound liberal studies education and the more specialized skills that derive from disciplined study of individual subject matter. Together, the University's Liberal Studies Requirements and specific academic degree requirements provide each student with an education earning for itself the praise that St. Augustine paid to his own education.

### UNIVERSITY REQUIREMENTS

Each student who enters Kentucky State University with the intention to earn a baccalaureate degree must satisfy the Liberal Studies Requirements. In addition to the requirements of the student's major field of study, Liberal Studies Requirements constitute a carefully designed program of 53-54 semester credit hours of courses to be selected from the various academic offerings of the University. An important feature of these requirements is the sequence of Integrative Studies courses. Details of the Integrative Studies program may be found in the section of this Catalogue describing the Whitney M. Young, Jr. College of Leadership Studies. A number of electives are included in the Liberal Studies Requirements, and students are encouraged to consider carefully the alternatives available to them.

The course of studies in the first two years of the Whitney M. Young, Jr. College of Leadership Studies (48 semester credit hours) provides an alternate and brief way of fulfilling all of the University's Liberal Studies Requirements. Math and science majors complete only the seminars and language tutorials; and the math/science component of the core is fulfilled by courses from the College of Arts and Sciences.

Certain Liberal Studies Requirements may also be fulfilled through the University's testing programs or other testing programs. For a listing of courses and the tests through which semester credit hours may be earned, see the Catalogue section on Credit by Examination/Certification and for Life Experience.

### Liberal Studies Requirements

I.	Languages and Reasoning	
	ENG 101—English Composition	
	and Rhetoric I	3
	ENG 102—English Composition and	
	Rhetoric II	3
	SPE 103—Interpersonal Communication	3
	MAT 110—Intermediate Algebra	
	or above	3
*	Foreign Language	6
	TOTAL:	18

II.	Fine Arts, Letters, History, and	
	Integrative Studies	
	ART 130—Introduction to Art OR	
	MUS 130—Introduction to Music	3
	ENG 211—Introduction to Literature	3
	HIS 103—Western Civilization	3
**	Integrative Studies	
	IGS 200—The Foundations of Cultures	3
	IGS 201—The Convergence of Cultures	3
	IGS 300—The Search for New Forms	
	of Culture	3
	IGS 301-Studies in African Cultures OR	
	IGS 302—Studies in Oriental Cultures OR	
	IGS 303—Studies in Latin American	
	Cultures OR	
	IGS 304—The African-American Experience	3

# TOTAL:

III.	Sci	ences
	A.	Behavioral (select one): PSY 200—General Psychology OR SOC 203—Principles of Sociology
	В.	Social (select one): ECO 200—Survey of Economics OR POS 101—American Government

Ξ.	Natural:
	BIO 101—Life Science
	(select one):
	BIO 112—Exploration of Modern Topics
	in Biology OR
	CHE 109—Survey of General Chemistry Ol
	PHY 111—Introduction to Physics I OR

PHY 111—Introduction to Physics I OR
PHS 201—Physical Sciences I 3-4

TOTAL: 12-13

### IV. Health Education

(select one):
HED 221—Personal Health and
Lifetime Fitness OR
PHE Physical Education activity course(s)

TOTAL:

TOTAL HOURS: 53-54

- \* The University requires a proficiency level in a foreign language equal to that which the student would have achieved after taking two semesters of language at the 101/102-level. Students who have completed language training at the high school level may satisfy all or part of the foreign language requirement through the Advanced Placement Program (described elsewhere in this Catalogue) or through the College Level Examination Program (CLEP). (See Catalogue section, The Division of Literature, Languages, and Philosophy, for more information.)
- \*\* Up to 15 semester credit hours of Integrative Studies may be elected by a student or required for a major.

### Liberal Studies Requirements

(Whitney Young College Honors Program)

### I. Languages

WYC 111—Language I Greek & English OR	
WYC 115—Language I Latin & English	4
WYC 112—Language II Greek & English OR	
WYC 116—Language II Latin & English	4
The second secon	

### II. Liberal Studies Seminars

WYC 101-Liberal Studies Seminar I

WYC 102-Liberal Studies Seminar II

WYC 201—Liberal Studies Seminar III	4
WYC 202—Liberal Studies Seminar IV	4
TOTAL:	16
WYC 211—Language III British Literature WYC 212—Language IV Modern Literature	4
in English	4
TOTAL:	8

### III. Math-Sciences

Math-Sciences		
WYC 121—Math-Science I		4
WYC 122—Math-Science II		4
WYC 221—Math-Science III		4
WYC 222—Math-Science IV		4
	TOTAL:	16

TOTAL HOURS: 48

TOTAL:

NOTE: See WYC course descriptions for specific content.

### DEGREE REQUIREMENTS

Students intending to earn either a baccalaureate or an associate degree must satisfy the specific requirements stipulated by the various academic degree programs. Only baccalaureate degree-seeking students must satisfy the Liberal Studies Requirements, but associate degree-seeking students must complete a minimum of 15 semester credit hours of selected courses within the Liberal Studies Requirements.

Academic requirements vary in the number of semester credit hours designated for particular degree programs. Details of these requirements may be found in this Catalogue under the relevant academic unit headings. Students are expected to seek the advice of either mentors or advisors in determining their course of study at the University.

Students are encouraged to take advantage of the University's diverse curricular offerings before declaring an official major. However, once a major has been declared, students may not change their official majors later than the beginning of the first semester of their senior year for baccalaureate degree programs and the beginning of the first semester of their sophomore year for associate degree programs. At least one-half of a student's major field academic course credits must be earned at Kentucky State University. A student must complete the final 32 semester credit hours of a baccalaureate degree program or the final 16 semester credit hours of an associate degree program at Kentucky State University to qualify for a degree from the University.

### ACADEMIC PROGRESS AND GRADUATION

To earn a degree from Kentucky State University, students must satisfy both specific academic program and University course requirements. In addition, they must maintain good academic standing as defined in the University's Academic Regulations and Policies. These regulations and policies are set forth elsewhere in this Catalogue, and students are expected to abide by them.

Students required to take remedial coursework in reading, composition, or mathematics should not expect to complete their baccalaureate degree requirements within the traditional period of four undergraduate academic years. Summer session coursework and possibly an additional academic semester's coursework may be required in such cases. Every student is encouraged to work closely with his/her mentor or advisor.

### PRE-PROFESSIONAL PROGRAMS

Kentucky State University offers preparatory programs for students intending to enter the fields of medicine, dentistry, law, engineering, optometry, pharmacy, veterinary medicine, community health, cytotechnology, clinical laboratory sciences, nuclear medicine technology, and physical therapy. These programs are housed in various divisions of the College of Arts and Sciences.

In addition to preparing students for entrance into the professional schools of their choice, Kentucky residents attending Kentucky State University and meeting certain requirements will be eligible for three percent of the openings annually at Kentucky's publicly-supported law, medical, and dental schools. Students interested in any of the above professional areas should contact the University's pre-professional program advisors through the College of Arts and Sciences. Information regarding veterinary medicine may be found in the section of this Catalogue describing the Division of Mathematics and Sciences.

### **ACADEMIC HONORS**

The University encourages high standards of academic excellence and acknowledges students' academic achievement. An Academic Honor Roll and Dean's List are published at the end of each academic semester. A student who earns 12 or more semester credit hours for which quality points are awarded and whose grade-point average is 3.2 or above will be included on the Dean's List.

Part-time students are given special recognition for academic achievement. Students enrolled for 6 to 11 semester credit hours in which quality points are earned and whose grade-point average is 3.2 or above will be included on the Academic Honor Roll.

Graduation honors are also awarded. Students who maintain a cumulative grade-point average of at least 3.2 are awarded the baccalaureate degree *cum laude*. Students who maintain a cumulative grade-point average of at least 3.5 and who have received no grades of "D" or "F" are awarded the baccalaureate degree *magna cum laude*. Finally, students who maintain a cumulative grade-point average of at least 3.8 and who have received no grades of "D" or "F" are awarded the baccalaureate degree *summa cum laude*. Graduation honors are awarded only to those students who have earned at least 64 semester credit hours at Kentucky State University.

The baccalaureate degree or the associate degree with academic program honors will be conferred upon the student who, in addition to having completed the requirements for the degree, shall have maintained a cumulative grade-point average of not less than 3.0 and a grade-point average of not less than 3.3 in courses re-

quired for the major. In computing academic major grade-point averages, all courses taken in a major will be counted. To be considered for academic program honors, one or two years of residence work at Kentucky State University are required of associate or baccalaureate degree recipients, respectively, with at least half of the major courses taken at the University.

### **COOPERATIVE EDUCATION PROGRAM**

Cooperative education at Kentucky State University is an academic program incorporating alternating and parallel periods of employment and classroom study.

This educational process is a joint or cooperative effort on the part of the Cooperative Education Office, the faculty instructing the student, and the employer furnishing opportunities for practical applications of the student's classwork.

Cooperative education helps the student bridge the gap between the classroom and the workplace, and it allows the student to observe and participate in practical applications of what has been taught. Cooperative education enables students to be more valuable contributors upon returning to the classroom; they gain self-confidence and become more involved in the educational process. Full-time employment is of significant financial benefit to the student and is valuable in adding to the student's credentials for employment. Upon graduation the co-op student has a decided edge in competing for professional positions.

The University believes that supervised work experience is worth college credit; therefore, upon successful completion of each semester of work experience, semester credit hours are awarded. Cooperative education courses will not be substituted for mandatory classes in the student's major.

The Cooperative Education Program seeks to meet the needs of students in most academic disciplines offered at Kentucky State University. Therefore, the program is offered to all students after the completion of one full academic year of coursework (30 semester credit hour minimum). Participating students are expected to be in good standing with the University and have a cumulative grade-point average of 2.0 or above. In order to register for Cooperative Education credit, students must submit an application to the Office of Cooperative Education in advance of the term (summer session/semester) during which they wish to co-op.

It is recommended that each student take the time to visit the Cooperative Education Office and meet with staff to discuss available opportunities.

### **FOREIGN STUDY**

Kentucky State University offers opportunities for foreign study to qualified students. Students may take advantage of programs allowing them to pursue their major at prestigious universities in other countries. As a member of the Cooperative Center for Study in Britain, the University offers the following: a summer term, a junior year abroad, and a fall semester in Oxford. In addition, a December-January interim program is available at Kings College of the University of London. Opportunities for study may also be available in several other foreign locations, including Italy, Mexico, Puerto Rico, South America, and Scandinavia.

Students must have a 3.0 cumulative grade-point average in order to qualify and must fulfill the foreign language portion of the University's Liberal Studies Requirements. With the aid of an advisor, the student will design a program of study that will then be reviewed for approval by the Office of Academic Affairs and, upon approval, submitted to the Office of the President. Additional information on Study Abroad Programs may be obtained from the Office of Academic Affairs.

### STUDENT EXCHANGE

Participation in an exchange program increases a student's access to a variety of educational programs and experiences. Such programs permit students to take courses, meet other students, and study under professors not available to them in their home institution. Taking part in an exchange program can be an intellectually and culturally enriching experience. Students interested in participating in an exchange program should contact the Office of Academic Affairs.

### THE UNIVERSITY LIBRARY

Learning to organize and carry out independent research is an integral part of a university liberal studies education. Paul G. Blazer Library, located at the northeast end of the campus, provides comprehensive and current research materials and facilities for students and faculty.

Blazer Library is computerized, and its collection of more than 300,000 volumes includes extensive reference, periodical, and circulating collections of materials to aid students in their coursework and research. The University community is also encouraged to use Blazer Library for personal enrichment and leisure reading.

The second floor of the library houses the Special Collections and the University Archives, which contain rare and historical documents and publications relating to African-American culture and history as well as University archival materials.

The Curriculum and Instructional Media Center

(CIMC), on the ground floor, provides students with audiovisual equipment and various types of education curriculum materials and professional resources for teaching grades preschool through 12. The Center's satellite with both Ku and C bands provides access to national teleconferences and educational programming. Blazer Library is a selective depository for United States Government Document Publications and houses an expanding collection of federal and state documents.

Other services available to supplement students' research and informational needs include access to PRO-QUEST, DIALOG, BRS, and computerized periodical and bibliographic networks. Photocopy facilities and personal computers are also available for student use.

BRAIN, the Library's automated management system, provides on-line catalog searching, circulation control, and on-line access to the Social Science, Education, and Business Periodicals Indexes. In addition to the University Library's collection, Kentucky State University students have available to them the resources of the Kentucky Department for Libraries and Archives, the Paul Sawyier Library, and the Historical Society Library in Frankfort.

The University Library is a member of the Kentucky Library Network (KLN) and the Southeastern Library Network (SOLINET), which provide access to the collections of other regional libraries.

Professional librarians and support personnel are available to assist students in using the library's resources and facilities. Library information may be obtained by requesting such from library staff or by consulting the Library Guide, which is available at service desks throughout the library. Special library tours or individualized library instruction may be scheduled by contacting the Library Office.

### ACADEMIC SUPPORT SERVICES

The University supports its academic programs with a variety of Academic Support Services. These services include Upward Bound, Student Support Services, Testing, Academic Advising, and the Communication Skills Center. Upward Bound, a federally funded program, identifies and selects high school students and to prepare them for college-level coursework. Student Support Services offers tutorial assistance, counseling, and other related services to students to improve their academic skills. The Office of Testing administers all University and selected national examinations.

The Communication Skills Center (CSC) provides students with academic assistance and personalized help in writing, reading, study strategies, test-taking, notetaking, and time management skills. The Center in

Hathaway Hall is a free, non-credit, learning assistance service for full- and part-time students who want to improve their communication skills. All students may take advantage of these programs while enrolled at the University. Though the Center does not offer formal classes or grant academic credit to students, it is a key academic support unit at the University. The philosophy of the Center is that its staff should personally guide students in the acquisition and refinement of communication skills rather than simply to provide "plug-in" skill/drill prepackaged modules in reading, writing, and study skills mechanics. The staff provides carefullyplanned, quality instruction which allows students to begin at their own individual level of competence and advance according to their abilities. The Center does not serve an exclusive population but offers campus-wide instruction based on goals and objectives for students seeking assistance. Call the Center for more information or to make an appointment.

### **COMPUTING OPPORTUNITIES**

Kentucky State University is committed to establishing and maintaining a communications and information system which will provide students, faculty, staff, and administrators with sufficient computing resources to achieve learning, instructional, and administrative goals. The University recognizes the increasing role computers have in all disciplines today, and to meet the challenge of providing an environment in which students can utilize computers as tools in any field of study, the University is establishing a campus-wide network of mainframe and desktop computers.

The central computing facility houses two IBM mainframe computers; one is dedicated to administrative computing, and one is dedicated to academic computing. A faculty/staff computer lab exists for evaluating, testing, and learning new software and hardware technologies.

Desktop computers have become an integral part of required courses for many of the University's degree programs. For example, degree programs in business, public affairs, computer sciences, behavioral and social sciences, education, nursing, applied human sciences, and administrative support services have computer laboratories for teaching related applications and providing practical computer experience beyond the classroom. Industrial Technology has a computer laboratory to support computer-aided drafting and experimental robotics. The University's Blazer Library has become a central information center with a new automated library system and an open student laboratory. The computer lab is designed to help students with homework preparation. Students can use word processing, spreadsheet, and database software to complete homework assignments.

# ACADEMIC ADVISEMENT: THE MENTOR SYSTEM

To know the road ahead, ask those coming back.

Chinese Proverb

Kentucky State University provides a full range of academic advising and personal counseling services to students. Every effort is made to assure that each student receives personal attention and assistance with their problems and concerns. However, students are expected to take the initiative and seek assistance from administrators, faculty, and staff.

As a liberal studies institution, Kentucky State University offers students much more than narrowly-focused training. Recent research demonstrates that academic programs that require students to master a set of principles and understand problems across a broad range of disciplines are necessary to establish a firm foundation for future careers and lifelong learning.

Accordingly, the process of academic advisement is based on an identification of each student's fundamental needs. Throughout, mentors and advisors seek to correct deficiencies, encourage high standards of academic performance, and provide support that students may need to make responsible choices about their academic majors and future careers.

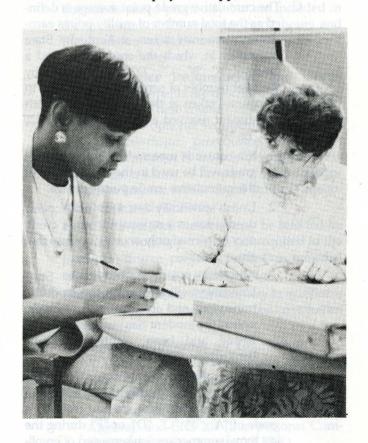
Academic advising at Kentucky State University begins with the new student orientation. Incoming students will be assigned a mentor or an advisor according to the following procedures:

- 1. After being informed of the options available during their initial registration meeting, new students will be asked if they desire to declare a major.
- 2. Students who declare a major at the time of their initial registration will be assigned an advisor representing that major.
- 3. Students who are undecided and who do not declare their major at the time of initial registration will be assigned a mentor. Such students may stay with their mentors until they complete 60 semester credit hours and declare a major, or they may declare their major before completing 60 semester credit hours.
- 4. At the time a major is declared by a continuing student, the student will be assigned an advisor representing that major.

Mentors are faculty members or, in some instances, administrators and staff personnel who have exhibited continuing commitment to the importance of providing students with personal attention in the planning and pursuit of their academic objectives. Mentors are selected from every educational unit in the University. Mentors are prepared to advise students on academic program

requirements and to provide information about the University's Liberal Studies Requirements and University life. Mentors are typically responsible for a group of approximately a dozen entering students representative of the curricular, racial, and geographic diversity of the student body. From their first day at Kentucky State University, students are encouraged to take an active part in their own learning. Interaction with mentors is a good beginning.

A major advisor gives academic and career advice to students who have selected a major course of study in preparation for a career of the student's choice. The advisor serves as a useful source of information regarding such matters as major field requirements, research opportunities within the field, and possible graduate study or other career or employment opportunities.



# ACADEMIC REGULATIONS AND POLICIES

The following policies apply to all students enrolled in undergraduate courses at Kentucky State University. In some cases, different policies apply to students enrolled in graduate courses. In these cases, graduate students are governed by the policies included in the Master of Public Administration subsection of the Catalogue.

### I. General Definitions

- A. A semester credit hour represents one clock hour of recitation or lecture or two clock hours of laboratory per week for one semester for most courses; some courses in art, music, physical education, and other areas are calculated according to accreditation standards in the particular area.
- B. Quality points are the assigned points of a specific letter grade. The total quality points of a course are calculated by multiplying the quality point value of the letter grade earned by the number of semester credit hours for the course. (See Section VII.)
- C. The cumulative grade-point average is defined as the total number of quality points earned in all courses taken at Kentucky State University in which the student received a grade of "A", "B", "C", "D", or "F" divided by the total number of semester credit hours in all courses taken at the University in which the student received a grade of "A", "B", "C", "D", or "F".
  - 1. If a course is repeated, only the highest grade will be used in the computation of the cumulative grade-point average.
  - Unless specifically described in the course description as a repeatable course, credit may be earned only once for courses that are repeated.
  - All grades earned at Kentucky State University will remain on the student's transcripts and in permanent records, unless the student has successfully petitioned and been granted academic bankruptcy. (See Section XIV.)
- D. The current grade-point average is defined as the total number of quality points earned in all courses in which the student received a grade of "A", "B", "C", "D", or "F" during the last term (summer session/semester) of enrollment divided by the total number of semester credit hours in all courses in which the

student received a grade of "A", "B", "C", "D", or "F" during the last term (summer session/semester) of enrollment.

# II. Definitions of Majors, Minors, and Areas of Specialization

These definitions are to be considered University norms for the evaluation and approval of master's, baccalaureate, and associate degree programs. The definitions and the limitations that accompany them are based upon the University's policy of emphasizing breadth of study in the basic disciplines with emphasis on the humanities in fulfillment of Kentucky State University's liberal studies role and mission. Substance and content will be maximized in each course subject to the minimum acceptable for University credit. Departures from these norms must be justified by the nature of the program and must have the recommendation of the Faculty Senate and approval of the Board of Regents.

Master's Degree Program. A master's degree program is a planned and approved program of study leading to graduation with a master's degree. It should be possible to complete a master's degree program in two and one-half years of study. The minimum semester credit hour requirement shall be 39, and no program should require more than 45 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives. The master's degree program must be completed within six years of initial enrollment.

Baccalaureate Degree Programs. A baccalaureate degree program is a planned and approved program of study leading to graduation with a baccalaureate degree. It should be possible to complete a baccalaureate degree program in eight semesters of normal full-time study. The minimum semester credit hour requirement shall be 128, and no program should require more than 144 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives.

Every baccalaureate degree program shall include the Liberal Studies Requirements of the

University (unless specific courses have been officially substituted or waived) and a major. Minors, areas of specialization, pre-major, prerequisite, and support courses may be required. Individual students may elect to take a minor or a second major to meet personal education objectives. Every baccalaureate degree program shall include the provision for a minimum of 6 semester credit hours of free electives. A minimum of 45 semester credit hours in upper-level courses is required for graduation.

Associate Degree Programs. An associate degree program is a planned and approved program of study leading to graduation with an associate degree. It should be possible to complete an associate degree program in four semesters of normal full-time study. The minimum semester credit hour requirement shall be 64, and no program should require more than 76 semester credit hours. A student may elect to exceed this maximum in meeting personal education objectives.

Every associate degree program, except the Associate of Arts in Liberal Studies, shall include required major courses, support courses, and at least 15 semester credit hours of the Liberal Studies Requirements of the University. The liberal studies component shall include courses designed to develop skills in oral and written communication and in computational skills. The liberal studies component shall also include courses drawn from each of the following areas: humanities/fine arts, social/behavioral sciences, and natural sciences/mathematics. The Associate of Arts in Liberal Studies degree is comprised of 47 semester credit hours of liberal studies, 3 semester credit hours of support courses, and 15 semester credit hours of advised electives. Every associate degree program shall include the provision for a minimum of 3 semester credit hours of free electives.

The Major. A major consists of a planned sequence of courses usually within a single discipline; however, a major may consist of a planned group of courses from more than one discipline. The minimum semester credit hour requirement for a major shall be 30, and the maximum shall be 48. A minimum of 18 semester credit hours in the major must be upper-level courses.

The Minor. A minor consists of a planned sequence of courses, usually in a discipline related

to the major. The minor shall consist of a minimum of 18 semester credit hours and shall not exceed 21 semester credit hours. A minimum of 12 semester credit hours in the minor shall be above the 100-level.

The Area of Specialization. Some major programs consist of a core program of study within the academic unit plus required additional study in one or more areas of specialization selected from options within or related to the discipline. The area of specialization shall consist of a minimum of 12 semester credit hours and a maximum of 18 semester credit hours beyond the core, with a minimum of 12 of these being in upper-level courses.

Pre-major, Prerequisite, and Support Courses. A degree program may identify and require courses as are justified for proper completion of the major. Courses may be from within the discipline (pre-major or prerequisite) or from other disciplines (prerequisite or support courses). Such credits thus required are not included in the limitations stated previously but are included in the minimum of 128 semester credit hours and the maximum of 144 semester credit hours for a baccalaureate degree.

Studies Requirements. The Liberal Studies Requirements are described elsewhere in this Catalogue. These courses, whether unique requirements or optional requirements, may also serve as pre-major, prerequisite, or support courses but may not be included in requirements for a major, a minor, or an area of specialization. A student may not take a Liberal Studies Requirement on a pass-fail basis.

**Free Electives.** Free electives may be selected by the student from any courses not required in the particular degree program, excluding remedial and non-credit course offerings.

The limitations in these definitions may be modified to meet accreditation, licensing, and/or certification requirements.

## III. Academic Requirements for Graduation

A. A student must receive a grade of "C" or above in ENG 101 (English Composition and Rhetoric I), ENG 102 (English Composition and Rhetoric II), MAT 110 (Intermediate Algebra), and SPE 103 (Interpersonal Communication). (See Section XII.G.3.)

- B. A student must receive a grade of "C" or above in all courses in the major area and the area of specialization that are required in the degree program. (See Section XII.E.1.)
- C. A student must receive a grade of "C" or above in all courses in the minor area. (See Section XII.E.2.)
- D. A student must receive a grade of "C" or above in all college preparatory and remedial courses and in all courses numbered below the 100-level. All such courses must be successfully completed with a grade of "C" or above within the first 24 semester credit hours of enrollment at Kentucky State University. (See Section XII.G.2.)
- E. A student pursuing a baccalaureate degree may not graduate with more than 12 semester credit hours of grades of "D" and/or "F". A student pursuing an associate degree may not graduate with more than 6 semester credit hours of grades of "D" and/or "F".
- F. A student must receive a grade of "D" or above in the Liberal Studies Requirements.
- G. A student must have a cumulative gradepoint average of 2.0 or above in all University courses.
- H. All courses in which the student does not meet the minimum grade requirements as described above must be successfully repeated within the maximum number of repeats allowed. (See Section XII.E. on Removal from Major, Minor, or Area of Specialization and Section XII.G. on Dismissal from the University.)
- I. When a student pursuing a baccalaureate degree has accumulated more than 12 semester credit hours of "D" and/or "F", he/she must successfully repeat (within the maximum number of repeats allowed) one or more of the courses in which he/she received a "D" and/or "F". Students pursuing an associate degree who accumulate more than 6 semester credit hours of "D" and/or "F" must successfully repeat (within the maximum number of repeats allowed) one or more of the courses in which he/she received a "D" and/or "F".
- . A student must repeat any course in which he/she received an inadequate grade (as described in Section III. A.-E.) during the next semester in which the student is enrolled and

- in which the course is offered.
- K. To ensure appropriate placement in courses, all students beginning their University-level studies must complete tests to assess academic achievement at the time of entering the University. In the last semester of the sophomore year all students must take the Rising Junior Assessment prior to being allowed to register for further courses.
- L. In the semester prior to expected graduation, students must take the Comprehensive Exit Assessment, including an examination in the subject matter of the student's major.
- M. A student's official ACT, SAT, or other required entrance test scores must be included in his/her permanent record in the Office of Records and Registration.
- N. A minimum of 64 semester credit hours (excluding any college preparatory and remedial courses and any courses numbered below the 100-level) is required for the awarding of an associate degree.
- O. A minimum of 128 semester credit hours (excluding any college preparatory and remedial courses and any courses numbered below the 100-level) is required for the awarding of a baccalaureate degree.
- P. A minimum of 39 graduate semester credit hours is required for the awarding of a master's degree.
- Q. See Section II. for additional requirements for degree-seeking students.

### IV. Academic Load

- A. The normal semester load for undergraduate students is 16 semester credit hours, and the normal semester load for graduate students is 9 semester credit hours.
- B. An undergraduate student must carry a minimum of 12 semester credit hours to be considered a full-time student, and a graduate student must carry 9 graduate semester credit hours to be considered a full-time student.
- C. In order for an undergraduate student to pursue 19 or more credit hours per semester, one of the following conditions must be met:
  - 1. The student must have the written approval of his/her advisor;
  - 2. The student's previous semester gradepoint average is 3.0 or above; or

- 3. The student will be a candidate for graduation at the end of the academic year in which he/she carries 19 or more semester credit hours.
- D. An undergraduate student may pursue a maximum number of 21 semester credit hours during the fall or spring semester, and a graduate student may pursue a maximum number of 12 semester credit hours during the fall or spring semester.
- E. An undergraduate student may pursue a maximum number of 10 semester credit hours during the summer session, and a graduate student may pursue a maximum number of 6 semester credit hours during the summer session.

### V. Classification of Students

Students shall be classified as indicated below upon successful completion of the specified number of semester credit hours, provided that all entrance requirements have been met.

Freshman — 0-29 semester credit hours Sophomore — 30-59 semester credit hours Junior — 60-89 semester credit hours Senior — 90 or more semester credit hours

### VI. Course Numbering System

This system is to be used to ensure consistency in the numbering of courses and should be used by mentors, advisors, and students when making out class schedules.

- 001-099 designed for college preparatory and remedial courses; does not count toward any degree requirements
- 100-199 designed for freshman students but may be taken by more advanced students; does not carry graduate credit
- 200-299 designed for sophomore students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit
- 300-399 designed for junior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit
- 400-499 designed for senior students but may be taken by any student who satisfies the prerequisites or obtains the consent of the instructor; does not carry graduate credit

- 500-599 open to graduate students only
- 600-699 open to graduate students only; should be used for seminar and independent study
- 700-799 open to graduate students only; thesis and research (professional projects)

### VII. Grading System

Information regarding grading policies is available from the Office of Academic Affairs and in the course syllabus for each course. All policies established by academic units and/or by course instructors must be in compliance with the grading systems outlined below.

- A. The following system of symbols will be used in grading students:
  - 1. A—excellent; four quality points per semester credit hour
  - 2. B—good; three quality points per semester credit hour
  - 3. C—average; two quality points per semester credit hour
  - 4. D—poor; one quality point per semester credit hour
  - 5. F-failure; no quality points, no credit
  - 6. P—pass, proficient; not included in grade-point average (See Section VII.B.)
  - 7. I—incomplete; not included in gradepoint average
  - 8. W—withdrawal, which can only be entered for students who withdraw prior to the end of the fifth full week of classes during a semester, or the second full week of classes during a summer session; not included in grade-point average
  - 9. WP—withdrawal, doing passing work; not included in grade-point average
  - 10. WF—withdrawal, doing failing work; not included in grade-point average
  - 11. AU—audit; not included in grade-point average.

### B. Pass-Fail

 Grading on a pass-fail basis is available only in the following situations: cooperative education course credit and credit for courses by special examination and/or certification, as described in the Catalogue section entitled "Credit by

- Examination/Certification and for Life Experience."
- 2. A grade of "P" (pass, proficient) will be given to indicate satisfactory completion of the examinations and/or experiences eligible for pass-fail credit. A grade of "F" (fail, not proficient) will be given to indicate unsatisfactory completion of the examinations and/or experiences eligible for pass-fail credit. When a grade of "P" has been earned through satisfactory completion of the examinations and/or experiences eligible for pass-fail credit, the grade of "P" may be substituted for a grade of "C" or above as required elsewhere in these Academic Policies and Regulations.
- 3. A student may challenge up to six (6) semester credit hours in the Liberal Studies Requirements, the major, minor, or area of specialization on a pass-fail basis if these courses are approved for challenge. Furthermore, a student may earn up to one-fourth the minimum number of semester credit hours for completion of a baccalaureate degree or an associate degree through any combination of credit by examination/certification and credit for life experience.
- 4. Regulation VII.B.3. does not apply to cooperative education courses.

### C. Audit

The grading option of audit must be selected no later than the end of late registration and must be indicated on either the student's registration or add/drop form.

### D. Incomplete

- 1. A grade of "I" is to be assigned only when a minor part of a course requirement has not been completed; i.e., the final exam, one major exam, completion of a term paper or class project, or part of the requirements of a laboratory.
- 2. A grade of "I" may not be assigned as a substitute for "D" or "F".
- 3. An incomplete earned in any given term (summer session/semester) must be removed by the end of the eighth week of classes during the next regular academic semester; otherwise, the grade of "T" will be automatically changed to a grade of "F".
- 4. When a grade of "I" is assigned, a detail-

- ed description of the work to be completed must be provided by the instructor to the Office of Academic Advising, dean, chairperson, student's designated mentor or advisor, and student.
- 5. If an "I" is received in a graduate-level course requiring a professional project or thesis, the incomplete must be removed within one calendar year after the completion of the term (summer session/semester) in which the "I" was assigned; otherwise, the grade of "I" will be automatically changed to a grade of "F", and no further extensions shall be granted.

### E. Withdrawal from a Course

- 1. If a student withdraws from a course before the end of the fifth full week of classes during a semester, a grade of "W" will appear on the student's transcript.
- 2. If a student withdraws from a course after the end of the fifth full week of classes during a semester, but before the end of the tenth full week of classes, he/she will receive a grade of "WP" or "WF" in that course.
- 3. If a student withdraws from a course before one-third of the instructional days have elapsed during a summer session or short course, a grade of "W" will appear on the student's transcript.
- 4. If a student withdraws from a course after one-third of the instructional days have elapsed during a summer session or short course but before two-thirds of the instructional days have elapsed, a grade of "WP" or "WF" will appear on the student's transcript.
- 5. Retroactive withdrawal from a course is designed for those students encountering circumstances which prevent them from withdrawing from a course by the last official date to withdraw. It is not designed to allow students to withdraw selectively from courses in which they did not perform well. A student may withdraw from a course after the last date for withdrawal during a term (summer session/semester) as stated in the University's Academic Calendar only if both of the following conditions are met: 1) the student appeals to the Academic Appeals Committee to withdraw retroactively from a course no

- later than two (2) days before the next regular academic semester begins; and 2) the student demonstrates that circumstances beyond his/her control prevented him/her from withdrawing from a course according to University Academic Regulations and Policies.
- 6. Appeals for retroactive withdrawal from a course will be considered only for those courses taken during the term (summer session/semester) immediately preceding the appeal.
- 7. A student who fails to follow proper University withdrawal procedures will receive a grade of "F" in that course. (See Section X.)
- F. Appealing a Course Grade—To appeal a course grade, a student must follow the process described below:
  - 1. The student must initiate his/her grade appeal by writing a letter of appeal to the course instructor. This letter must be completed and delivered to the instructor, along with a copy to the student's advisor/mentor, no later than the end of the third full week of classes during the next regular academic semester (Fall or Spring). No appeal of a course grade will be considered unless a written appeal is made to the instructor by the deadline date. After considering the student's appeal, the instructor must respond in writing to the student, stating whether or not the appeal is granted and stating the instructor's rationale for the decision. The written response must be completed by the end of the fifth full week of classes in the semester of the appeal. If the instructor is no longer employed by the University or is otherwise unavailable, the student must proceed as prescribed in step 2.
  - 2. If the student is not satisfied with the instructor's decision and wishes to continue the grade appeal, the student must pick up the Academic Appeals Packet from the Office of Records and Registration and follow the procedures described in the packet for continuing an appeal of a course grade.
  - 3. If a grade appeal reaches the Academic

Appeals Committee, the student and the instructor may be requested to meet with the committee to resolve the appeal.

### VIII. Withdrawal from the University

- A. A student who has preregistered but not completed registration (i.e., paid fees or made arrangements for the payment of fees) may cancel his/her registration by notifying the Office of Records and Registration in writing prior to the end of late registration of his/her intention not to enroll.
  - B. In order to withdraw from the University after completion of registration (i.e., dropping all courses for a given semester/session), a student must do the following:
    - 1. Obtain the necessary form from the designated office (See Section VIII.C.).
    - 2. Complete the form and obtain the necessary signatures.
    - 3. Return the completed form to the office from which it was obtained.
  - C. Withdrawal forms may be obtained and must be returned as follows:

Fall/Spring All students Counseling Semester & & Career Summer Placement Session Withdrawal Fall/Spring All students Records & Semester & Registration Summer Session Dropping

- D. The failure to withdraw will obligate the student to pay all tuition, fees, and other charges assessed, and will result in failing grades for that term (summer session/semester).
- E. If a student withdraws from the University before the end of the fifth full week of classes during a semester, a grade of "W" will appear on the student's transcript for all courses pursued that semester.
- F. If a student withdraws from the University after the end of the fifth full week of classes during a semester, but before the end of the tenth full week of classes, a grade of "WP" or "WF" will appear on the student's transcript for all courses pursued that semester.

- G. If a student withdraws from the University before one-third of the instructional days have elapsed during a summer session or short course, a grade of "W" will appear on the student's transcript for all courses pursued that session.
- H. If a student withdraws from the University after one-third of the instructional days have elapsed during a summer session or short course but before two-thirds of the instructional days have elapsed, a grade of "WP" or "WF" will appear on the student's transcript for all courses pursued that session.
- I. Retroactive withdrawal from the University is designed for those students encountering extraordinary circumstances which prevent him/her from withdrawing from the University by the last official date to withdraw. It is not designed to allow students to withdraw retroactively to avoid consequences of poor academic performance. A student may withdraw from the University after the last date for withdrawal during a term (summer session/semester) as stated in the University's Academic Calendar only if both of the following conditions are met: 1) the student appeals to the Academic Appeals Committee to withdraw retroactively from the University for the term (summer session/semester) no later than two (2) days before the next regular academic semester begins; and 2) the student demonstrates that circumstances beyond his/her control prevented him/her from withdrawing from the University for the term (summer session/semester) according to University Academic Regulations and Policies.
- J. Appeals for retroactive withdrawal from the University will be considered only for the term (summer session/semester) immediately preceding the appeal. (See Section XIII.)

### IX. Registration

- A. A degree-seeking student MUST consult with his/her designated mentor or advisor prior to the time of preregistration or regular registration to receive official approval for his/her plan of study during each academic term (summer session/semester).
- B. The Office of Records and Registration sets the time of registration for all students and informs them of the times they are to register.
- C. Students are expected to register at the

- appointed time.
- D. Students may not register for credit after the deadline set for completion of late registration.
- E. A late registration fee is assessed to students who do not register at the appointed time.
- F. Late registration for semesters will end one calendar week after the last day of registration or its equivalent for summer session. (See Academic Calendar for specifics.)

### X. Changes in Registration

(Adding a course, dropping a course, changes in section, changes in grading options, and course cancellations)

- A. All changes in registration must be approved by the Office of Records and Registration, the designated mentor or advisor, and the instructors involved. (Withdrawals and drops need not be approved by the instructor.)
- B. All students who are not properly registered for a course will not receive credit for that course.
- C. A processing fee is assessed beginning the first day of classes of a term (summer session/semester) for any change in registration with the exception of those caused by University cancellation of courses or other University-initiated adjustments to course schedules.
- D. See Section VII.E. for regulations on withdrawal from a course.
- E. The chairperson and/or dean will inform the Vice President for Academic Affairs, the Office of Records and Registration, and the instructors of all course cancellations *no later than* two (2) working days after the end of late registration. The policy for class enrollment requirements is as follows:
  - Fifteen (15) shall be the minimum number of students enrolled for lower division courses and ten (10) for upper division. Exceptions to this policy must be approved by the Vice President for Academic Affairs.
- F. When a course is cancelled, any student enrolled in that course may change his/her final registration in order to replace the cancelled course. Such adjustment must be completed *no later than* Saturday of the second full week of classes during an academic semester or *no later than* Saturday of the first full week of classes during a summer session.

G. If the University cancels a course, any student enrolled in the course shall not be obligated for tuition and any fees related to the cancelled course and/or registration changes resulting from the course cancellation. The University shall provide full tuition refunds for courses cancelled to students whose course load is reduced to a status of less than a full-time student or whose part-time status is reduced as the result of the course cancellation and shall charge no fees for registration changes resulting directly from the course cancellation.

### XI. Class Attendance

- A. The number of unexcused absences per semester or summer session may not exceed the number of class meetings during one full week of class.
- B. A student may receive an excused absence for:
  - 1. illness;
  - 2. court appearance;
  - 3. serious illness or death in the student's immediate family;
  - patriotic duty (participation by a student in a University-sponsored activity and/or an activity whereby the student represents the University off-campus and is required to be absent from class(es);
  - 5. field trips or other academic class activities sponsored by the University that require the student to be absent from class(es).
- C. Group excuses must be submitted to the Vice President for Student Affairs two (2) weeks prior to the date of absence(s) for patriotic duty, field trips, or other academic duties. Faculty members will be informed by the Vice President for Student Affairs BEFORE the student's absence from class(es) because of patriotic duty, field trips, or other academic class activities sponsored by the University that require absence from class(es).
- D. In order to be excused from any class, the student must submit documentation of the absence(s) to the instructor within one week.
- E. For any excused absence to be valid, all makeup assignments must be completed within a time period determined by the instructor.

- F. The number of excused absences may not exceed the number of class meetings during one full week of class during a semester, or two class meetings during one full week of classes during the summer session.
- G. Any class absence incurred while students are performing military duty or participating in University-sponsored or planned academic class activities is to be excluded from the provisions of policy XI.F., provided the students are doing satisfactory work.
- H. For each absence (excused or unexcused) over the maximum number allowed, the instructor may lower the course grade one full grade level.
- I. Regulations on class tardiness are determined by the instructor of the course.
- J. Individual academic units may adopt more stringent class attendance policies.
- K. If an individual academic unit adopts more stringent attendance policies, those policies must appear in a conspicuous location in the course syllabus and must be announced to the class on the first day it meets.

### XII. Academic Standing

- A. In order to remain in good academic standing, a student must have a cumulative grade-point average of:
  - 1. 1.8 or above at the end of the first semester of the freshman year (12 semester credit hours attempted for quality points);
  - 2. 1.8 or above at the end of the freshman year (29 semester credit hours attempted for quality points); and
  - 3. 2.0 or above at the end of each semester after the freshman year.

### B. Probation

- Except for freshmen, a student is placed on probation if at the end of any semester his/her cumulative grade-point average falls below 2.0.
- 2. A freshman is placed on probation if his/her cumulative grade-point average falls below 1.8.
- The enrollment classification of transfer students will be based upon the sum total of the transfer hours accepted by the

University and the semester credit hours attempted at Kentucky State University. Probationary status will be based upon the total semester credit hours and the grade-point average for the transfer student's classification.

- 4. Any student (except a freshman) whose cumulative grade-point average remains below 2.0 but whose current grade-point average is above 2.0 may re-enroll the next term (summer session/ semester) but will remain on probation.
- 5. Any freshman whose cumulative gradepoint average is below 1.8 but whose current grade-point average is 1.8 or above may re-enroll the next term (summer session/semester) but will remain on probation.
- 6. Freshmen and sophomores on probation are limited to a maximum course load of 15 semester credit hours during the semester of probation and 8 semester credit hours during the summer session.
- 7. A student on probation may not participate in any University extracurricular activity unless the activity is required by the student's major or minor curriculum.
- 8. Probation may not be appealed.

### C. Suspension

- 1. Any student (except a freshman) who is on probation and has a current grade-point average below 2.0 after 12 attempted semester credit hours is placed on suspension.
- Any freshman who is on probation and has a current grade-point average below
   after 12 attempted semester credit hours is placed on suspension.
- 3. If a student is suspended at the end of the fall semester, he/she shall not re-enroll until the following summer session.
- 4. If a student is suspended at the end of the spring semester, he/she shall not reenroll until the next spring semester.
- 5. If a student is suspended at the end of the summer session, he/she shall not re-enroll until the following spring semester.
- 6. A student who re-enrolls after suspension is placed on probation.

7. No student is permitted to transfer credits earned at another institution during a time of suspension for poor scholarship.

### D. Appeal of Suspension

- 1. A student may appeal his/her academic suspension to the Academic Appeals Committee. The basis of the appeal should be fully documented. A student may appeal the decision of the Academic Appeals Committee to the Vice President for Academic Affairs. The Vice President for Academic Affairs will notify the student, the student's advisor, and the Chairperson of the Academic Appeals Committee of his/her decision by the beginning of classes as published in the University Catalogue for the term (summer session/semester) for which the student is suspended.
- 2. Any student with a cumulative gradepoint average of 1.5 or above may appeal his/her academic suspension.
- 3. A student with a cumulative grade-point average of less than 1.5 may also appeal his/her academic suspension. However, the appeal will be heard only if documented circumstances can be shown to have interfered with normal academic progress and if that situation is corrected.
- 4. If appeal of suspension is granted, a minimum of two (2) courses in which a grade of "D" or "F" was received must be repeated in the term (summer session/semester) of re-instatement unless the course is not offered.
- 5. See Section XIII. for Appeals Procedures and Deadlines.
- E. Removal from Major, Minor, or Area of Specialization
  - 1. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in all courses in a major area and area of specialization or he/she is permanently removed from the major and area of specialization. (See Section III.B.)
  - 2. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in all courses in a minor area or he/she is

- permanently removed from the minor. (See Section III.C.)
- F. Appeal of Removal from Major, Minor, or Area of Specialization
  - 1. A student may appeal his/her removal from a major, minor, or area of specialization if correction of an error in records or a changed grade would allow him/her to meet the minimum academic standards. (See Section XII.E.)
  - 2. A student may appeal removal from a major, minor, or area of specialization and request a fourth attempt in such a course (see XII.E.1. and XII.E.2.) if his/her cumulative grade-point average is 2.0 or above and his/her cumulative grade-point average in the major, minor, or area of specialization is 2.5 or above.
  - A student may not appeal removal from a major, minor, or area of specialization if his/her academic records do not meet the qualifications in regulations XII.F.1. and XII.F.2.
  - 4. If a student has unsuccessfully appealed removal from a major, minor, or area of specialization and if the student has a cumulative grade-point average of 2.0 or above, he/she must be allowed to major in or pursue some other discipline at Kentucky State University.
  - 5. See Section XIII. for Appeals Procedures and Deadlines.

### G. Dismissal from the University

- 1. A student who has been suspended twice, is on academic probation, and whose current grade-point average falls below 2.0 is dismissed from the University.
- 2. A student must receive a grade of "C" or above in all college preparatory and remedial courses, and in all courses numbered below the 100-level in three or fewer attempts (first attempt plus up to two repeats) or he/she is dismissed from the University. An underprepared student must also demonstrate proficiency in the area(s) of academic deficiency by the time he/she completes 24 semester credit hours at the University or he/she is dismissed from the University. (See Section III.D.)

- 3. A student must receive a grade of "C" or above in three or fewer attempts (first attempt plus up to two repeats) in ENG 101, ENG 102, MAT 110, and SPE 103, or he/she is dismissed from the University. (See Section III.A.)
- 4. A student who has been granted academic bankruptcy (See Section XIV.) after a period of suspension and who subsequently becomes liable for suspension will be permanently dismissed from the University.

### H. Appeal of Dismissal from the University

- 1. A student may appeal his/her dismissal under regulations XII.G.1. through XII.G.3. if documented circumstances beyond the student's control can be proven to have caused the unacceptable academic performance, and that situation is corrected.
- 2. A student may appeal his/her dismissal under regulations XII.G.1. through XII.G.3. if a proven error in the recorded grade or a grade which has been subsequently changed allows him/her to meet minimum academic standards.
- 3. A student may appeal his/her dismissal under regulations XII.G.1. through XII.G.3. and request a fourth attempt in a course if his/her cumulative grade-point average is 2.25 or above.
- 4. After two years, a dismissed student may appeal in writing to the Academic Appeals Committee for re-admission to the University. The student's appeal must include a letter of support from the chairperson of the department/division or the dean of the college/school in which the student was majoring. Also, a letter of support must be submitted from one of the following: a faculty member, the student's former advisor, or the Office of Academic Advising.
- 5. If the student's appeal is granted, the student will be required to abide by an academic contract to be developed in consultation with the student's advisor, the chairperson of the department/division in which the student is majoring, and the Office of Academic Advising. Also, if

- readmission is granted, the student will be placed on probation.
- 6. A student who has been re-admitted after dismissal and becomes liable for suspension at any time will not be suspended, but will be permanently dismissed from the University without appeal.
- 7. See Section XIII. for Appeal Procedures and Deadlines.

### XIII. Appeal Procedures and Deadlines

- A. All appeals of academic standing will be heard by the Academic Appeals Committee. The Academic Appeals Committee will be composed of faculty members, appropriate administrators, and a student.
- B. A student may appeal to the Academic Appeals Committee only once following each notification of academic standing.
- C. For appeals, students must complete the procedures outlined in the Academic Appeals Packet which is available in the Office of Records and Registration. Appropriate documentation (i.e., medical bills, medical records, or funeral bulletins) should be provided.
- D. Deadlines for Appeal of Academic Standing:
  - 1. Appeals of suspension or dismissal from the University MUST be completed and submitted to the Academic Appeals Committee at least two (2) days prior to the first day of classes as published in the University Catalogue for the term (summer session/semester) for which the student is suspended or dismissed. NO EXCEPTION(S) WILL BE MADE TO THIS DEADLINE.
  - 2. Appeals of dismissal will not be allowed without exceptional cause which must be supported with valid documentation. (See XII.H.)
  - Appeals of late withdrawal from courses or from the University MUST be completed and submitted to the Academic Appeals Committee no later than two (2) days before the next regular academic semester begins.
  - 4. Appeals of a course grade MUST meet the deadline described in VII.F.

- 5. Exceptions to the above deadlines may be granted if the student shows evidence that he/she was unable to submit an appeal before the deadline due to documented exceptional circumstances.
- E. Frequency of Meetings for Appeals:
  - 1. The Academic Appeals Committee shall meet two (2) days before classes begin as stated in the University's Academic Calendar to consider appeals of academic suspension, withdrawal, or dismissal.
  - 2. The Academic Appeals Committee shall meet on other occasions only if the appeal load is heavy, if new evidence is brought forth which affects an appeal already acted upon, and/or if there is any other special circumstance in which the welfare of the student is at stake.

### XIV. Academic Bankruptcy

In certain situations, a student may apply to declare academic bankruptcy. In such cases, the student's academic record for the term(s) specified will be stricken. The bankruptcy policy is subject to the following:

- A. The student must file a written petition for academic bankruptcy to the Academic Appeals Committee presenting a strong case for supporting the approval of the petition. Reasons for the request (i.e., financial problems, illness, or problems of a personal nature) should be cited. The Academic Appeals Committee will forward its recommendation to the Vice President for Academic Affairs for final disposition.
- B. The "forgiveness" policy demands that all of the student's academic record for the term(s) specified will be stricken.
- C. The student's entire academic record for the stipulated period will be totally stricken from the transcript, with a notation of the bankruptcy action appearing on the transcript.
- D. All courses which were used towards a degree or certificate will be excluded from eligibility for grade deletion under the academic bankruptcy policy.

- E. In order to declare academic bankruptcy, a student cannot have been enrolled at Kentucky State University for a minimum period of two years prior to declaring bankruptcy.
- F. In the case of a student who was on suspension at the time of last attendance, when that student is granted academic bankruptcy and re-admitted to the University, he/she will be placed on probation and monitored closely by the Office of Academic Advising.
- G. If the student is suspended after having been granted his/her petition for academic bankruptcy, he/she will be permanently dismissed from the University.
- H. A student cannot declare academic bankruptcy more than once.

### XV. Policy on ACT and SAT Scores

- A. All full-time degree-seeking students admitted to freshman class status must submit official ACT or SAT scores (scores must be provided directly to Kentucky State University by the American College Testing Program or The College Board). If a student has been admitted to a degree program contingent upon receipt of the official test scores, the student must take the ACT to fulfill the requirement during the first semester of enrollment.
- B. All non-degree students are encouraged to submit official ACT or SAT scores if there is any possibility of becoming degree-seeking. Upon the completion of 24 semester credit hours in a non-degree status, a non-degree student is required to reconfirm his/her intention to not pursue a degree from Kentucky State University. The student's advisor will ensure that the student reconfirms his/her intention or takes the steps to become degreeseeking. If such a student changes his/her mind after the accumulation of 24 semester credit hours in a non-degree status, he/she must take the ACT or SAT before converting, regardless of the number of semester credit hours earned.
- C. All transfer applicants with fewer than 24 transferable semester credit hours must submit official ACT or SAT scores, either by those furnished directly to Kentucky State University by the American College Testing Program, by The College Board, or by inclusion in the transcript of the transfer application.

# XVI. Enrollment, Re-enrollment, and Required Curriculum

- A. A degree-seeking student must meet the Liberal Studies Requirements and the major requirements, including those required courses offered by academic units other than the major unit, as published in the Catalogue in effect at the time of enrollment. The student will be subject to these requirements so long as he/she remains in continuous enrollment. Continuous enrollment means attendance without interruption during consecutive semesters. Lack of enrollment in summer session does not constitute an interruption of enrollment.
- B. Following an interruption of more than two years, re-enrolling degree-seeking students must meet the Liberal Studies Requirements and the major requirements as published in the Catalogue in effect at the time of reenrollment. For interruptions of two years or less the student will have the option of selecting requirements in effect at the time of either initial enrollment or re-enrollment.
- C. A student who changes his/her major must meet the major requirements as published in the Catalogue in effect at the time the student declares the new major. The Major Change Form is to be obtained from the Office of Records and Registration and is to be returned with all necessary approval signatures.
- D. A student who changes from non-degree to degree-seeking must meet the requirements as published in the Catalogue in effect at the time the student becomes degree-seeking.
- E. A student may be a declared major in only one major degree program at any one time, and with appropriate approval may pursue a second major.
- F. A student pursuing a curriculum leading to certification or licensure must meet the curriculum requirements in effect at the time the student graduates.

### XVII. Residency Requirements

In order to receive a baccalaureate or an associate degree from Kentucky State University, a student must complete the last 32 or 16 semester credit hours, respectively, at the University. If extenuating circumstances exist, the Vice President for Academic Affairs may grant, upon the recom-

mendation of the appropriate dean, a student's request to take no more than six (6) of his/her last 32 or 16 semester credit hours at another accredited institution.

### XVIII. Multiple Degrees

- A. A student may be awarded a second baccalaureate degree by Kentucky State University upon completion of the following requirements:
  - 1. Satisfactory completion of a minimum of 30 semester credit hours beyond the number of semester credit hours required for the first degree; and
  - Satisfactory completion of all requirements for the second degree. These requirements shall be those in effect at the time the student declares the major for the second degree.
- B. A student may be awarded a second associate degree by the University upon completion of the following requirements:
  - Satisfactory completion of a minimum of one semester of full-time study after completion of requirements for the first degree; and

- 2. Satisfactory completion of all requirements for the second degree. These requirements shall be those in effect at the time the student declares the major for the second degree.
- C. A student may be awarded both an associate degree and a baccalaureate degree by the University by meeting the following requirements:
  - 1. If the associate degree is awarded first and the student has been in continuous enrollment, the student shall meet all requirements for both degrees in effect at initial enrollment.
  - 2. If the baccalaureate degree is awarded first, the student shall be required to meet all requirements for the associate degree in effect at the time the student declares the major for the second degree.

The preceding policies apply to all students enrolled in undergraduate courses at Kentucky State University. In some cases, different policies apply to students enrolled in graduate courses. In these cases, graduate students are governed by the policies included in the Master of Public Administration subsection of the Catalogue.

# ADMISSION TO THE UNIVERSITY

### ADMISSION PHILOSOPHY

Kentucky State University provides admission to Kentucky residents, out-of-state residents, and to international students based upon criteria established by the Commonwealth of Kentucky's Council on Higher Education and policies of the University. In accordance with its mission, Kentucky State University is obligated to identify the level of preparedness of the students it admits and to establish appropriate policies that ensure accurate placement of students in programs that provide the greatest opportunity for success in their academic pursuits.

### **ADMISSION INQUIRIES**

The Office of Admissions is responsible for administering all matters relating to the admission of students into the University. All inquiries about admission requirements and applications for admission should be addressed to: Office of Admissions; Kentucky State University; Frankfort, Kentucky 40601.

### **REGULAR APPLICATION PROCEDURES**

- I. First-time Freshmen. All first-time freshmen (students enrolling in a University for the first time following graduation from high school) who are seeking admission to a baccalaureate or associate degree program at Kentucky State University must supply the following credentials:
  - A. An application for admission to the University and an application fee is required.
  - B. Official test results sent directly from the testing agency for one of the following tests (tests must have been taken within the past five years):
    - 1. American College Test (ACT) scores. (The University's code number is 1516.)
    - Scholastic Aptitude Test (SAT) scores (for baccalaureate applicants only). A maximum of 10 percent of the admitted baccalaureate applicants may be granted admission through this test. (The University's code number is 1368.)
    - 3. Career Planning Program—Level II (CPP-II) or ASSET scores. These tests may be used as alternatives to the ACT for the adult (25 and above) who desires admission to an associate degree program. (The University's code number is 1516.)
  - C. An official transcript from the student's high

school. High school transcripts must be submitted to Kentucky State University directly from the high school with the appropriate official seals, stamps, and/or signatures. Kentucky residents must graduate from a high school that is accredited by the Kentucky Department of Education. Non-residents of Kentucky must graduate from a high school that is accredited in their home states. However, students with an earned General Educational Development (GED) certificate or those who have graduated from nonaccredited institutions may be admitted to an associate degree program. Transcripts must be accompanied by a grade legend if a scale other than 4.0 is used.

- II. Transfer Students/Post-baccalaureate Students. A transfer student who seeks admission to a degree program at Kentucky State University, with earned credits at one or more regionally accredited colleges or universities, must provide the following credentials:
  - A. An application for admission to the University and an application fee is required.
  - B. An official transcript from each college or university previously attended must be submitted directly from each college or university to Kentucky State University's Office of Admissions. The transfer student is not at liberty to disregard any part of his/her previous college or university record. Failure to report enrollment at another institution may result in dismissal and/or loss of credits earned. In the event of academic suspension/dismissal, an applicant must provide a letter of good academic standing from the institution previously attended stating that he/she is eligible to return to that institution.
  - C. All other admission credentials of the firsttime freshmen if less than 24 semester credit hours applicable to degree requirements are to be transferred. (See I. First-time Freshmen).

Credit hours from an unaccredited institution will be evaluated in the same manner as those earned at accredited institutions. However, final acceptance of such credits is contingent on the completion of the equivalent of one semester of full-time study (12 or more semester credit hours) with a cumulative grade-point average of 2.0 or above on all coursework attempted.

- III. Re-admission Students. Students who have previously attended Kentucky State University and wish to re-enroll after two or more years and those returning from suspension (See Readmission Students under Admission Classifications) must provide the following:
  - A. An application for re-admission to the University (available from the Office of Records and Registration; no re-enrollment fee is required).
  - B. Official transcripts for all coursework attempted at other colleges or universities during the period of absence from Kentucky State University. No student is permitted to transfer credits earned at another institution while on suspension for poor scholarship. (See academic policy XII.C.7.) Official transcripts must be submitted directly from each college or university to Kentucky State University's Office of Records and Registration.
- IV. Non-degree Students. Individuals who desire to enroll as non-degree students, including transient/visiting students; early admission (high school) students; senior citizens; postbaccalaureate students without degree intentions; students pursuing additional undergraduate coursework for teacher certification and/or without degree intentions; or other categories of special students must supply the following credentials:
  - A. A New Non-degree Student Application Form and an application fee is required.
  - B. Recommendation of high school principal or counselor (for early admission/high school students only).
  - C. Approval letter from dean or advisor at home institution (for transient/visiting students only).

### PRE-COLLEGE CURRICULUM (PCC)

To be admitted to baccalaureate programs, first-time freshmen must have completed 20 or more approved high school units, including the following minimum academic requirements:

Subjects	Units
English	4
Mathematics	
Algebra	1
Algebra II	1
Geometry	1
Science	
Biology and	1
Chemistry or Physics	1

U.S. History, World Civilization, or Advanced Placement American History

College-bound students are encouraged to take, as part of their elective course selections, additional coursework in mathematics, sciences, foreign languages, arts, and computer science.

Applicants with PCC deficiencies may be provisionally admitted to the University. A condition of the admission is the successful removal of all PCC deficiencies within the first twenty-four (24) semester credit hours of coursework. Students will not be permitted to take additional courses until all deficiencies are removed with a grade of "C" or above. Applicants should note that coursework used to remove PCC deficiencies will not count toward degree requirements.

### PLACEMENT TESTS

Students admitted to Kentucky State University as beginning freshmen or transfer students may be required to take placement tests to ensure appropriate placement in selected courses. Initial placement in English, reading, and speech courses is based on Enhanced ACT compositie scores and subscores (or comparable SAT scores); however, the academic units involved may require additional placement activities to ensure accurate placement in these courses. Except for transfer students whose transcripts show successful completion of a math course equivalent to MAT 110 or above, all new students must complete a mathematics placement test developed by the mathematics faculty prior to enrolling in any mathematics course. A music placement test will be given to music majors. Foreign language proficiency examinations are available to those who seek advanced placement in a foreign language or exemption from the foreign language requirement. Students with proficiency in a foreign language should consult the Proficiency Examination Programs subsection of this Catalogue.

### SPECIAL APPLICATION PROCEDURES

- I. Graduate Students. See the School of Public Affairs section for admission criteria and procedures.
- II. Whitney M. Young, Jr. College of Leadership Studies. Students applying for admission to the Whitney M. Young, Jr. College of Leadership Studies must possess a strong academic background in high school and have a strong desire to learn. Transfer students will also be considered, and they may pursue a student-designed major or minor in Liberal Studies.

Additional information to prospective students is included in the Whitney M. Young, Jr. College of Leadership Studies section of this Catalogue.

- III. Nursing Students. Applicants for the Nursing program should refer to the admission criteria and procedures contained in the College of Professional Studies section of this Catalogue.
- IV. Admission to Majors. Several degree programs have specific academic requirements which must be satisfied before a student can declare their major. Students should contact the appropriate academic unit administrator (chairperson or dean) prior to officially declaring a major.
- V. International Students (non-immigrant students). International students who are not U.S. citizens or immigrants (permanent residents) should have a completed admission application on file three months before the beginning of the term (summer session/semester) in which they intend to enroll. A completed application must include the following:
  - A. Kentucky State University International Student Application form and an application fee is required.
  - B. Official TOEFL scores (KSU code number 1368) sent directly from the testing agency or other documented evidence of proficiency in the English language. (TOEFL scores must be 525 or above).
  - C. Official transcripts (including records of courses and grades) of all academic coursework at the secondary level and above. All transcripts must be submitted in English and the translation of such certified.
  - Demonstration, via Declaration of Certification of Finance, that sufficient funds are available to finance the planned course of study without causing undue hardship on the student.
  - E. In addition, only Nigerian students must submit a complete WASC (West African School Certificate) or GCE (General Certificate of Education).
  - F. Official ACT/SAT scores, if testing centers are available.

A successful applicant will be sent an official Letter of Acceptance and a folder of materials pertaining to registration and enrollment. Upon receipt of the official Letter of Acceptance, a confirmation deposit of \$3,500 U.S. dollars must be sent before the University will forward an Immigration Form (I-20) Certificate of Eligibility (excluding Canadian residents). A student may use a maximum of 65% of the \$3,500 deposit to pay

the first semester's tuition and fees. The balance of the initial deposit will remain on account until the student graduates or withdraws from the University. Students will be required to pay tuition and fees for all subsequent semesters in full. Any student not completing registration by the end of late registration will be reported to the U.S. Immigration Office as non-enrolled.

With the I-20 form, the prospective applicant will receive additional information for enrollment. Students will be provided an orientation period to become acquainted with Kentucky State University's programs, faculty, and the surrounding community.

### ADMISSION CLASSIFICATIONS

Students applying for admission to an associate/baccalaureate degree program or admission as a non-degree student will be admitted if they meet all admission requirements, and may be admitted contingent upon receipt of all required credentials if the application materials are incomplete and/or unofficial. Also, students for selective programs must meet additional admissions criteria specified in the Department of Nursing, the Whitney M. Young, Jr. College of Leadership Studies, and the School of Public Affairs sections of this Catalogue. Further, students must meet any specific requirements of an academic unit before the declaration of an academic

### Admission to Degree Programs

High School Graduates: A graduate of an accredited high school will be unconditionally admitted if he/she meets the Pre-College Curriculum (PCC) requirements established by the Kentucky Council on Higher Education and has an admission index of 430. The admission index is a numerical score determined by computing the cumulative grade-point average (on a 4.0 scale) times 100, and the American College Test (ACT) Composite (or converted SAT) times 10, and adding the two scores. Nontraditional applicants (25 years of age or older) may substitute results of the Career Planning and Placement test (CPP-II) for ACT or SAT results if pursuing an associate degree.

Provisional Admissions: Kentucky applicants who do not meet the minimum admissions requirements may be provisionally admitted. Applicants will be notified that they have been provisionally admitted and that their academic activities will be specified and monitored. Students will be evaluated and provided with a plan of study designed to increase their competency in identified areas of weakness. Under certain conditions, students may be permitted to enroll in regular course offerings.

Enrollment as a provisional student does not guarantee degree admission to the University. For continued matriculation at the University, students must meet degree admission requirements within a specified period of time. Provisional students must submit the same evidence of prior educational experience and supporting data required of all students applying for unconditional admission.

GED Recipients: Kentucky residents who have earned a high school equivalency certificate (GED) or who are graduates of noncertified nonpublic high schools (i.e., nonpublic high schools not adhering to the "Program of Studies for Kentucky Schools: Grades K-12" as approved by the State Board for Elementary and Secondary Education) may be admitted to community colleges or community college type programs at each university upon completion of the ACT. The Career Planning Program Level II (CPP-II) or the ASSETT testing program may be substituted for the ACT requirement for adult students.

In order to apply for admission, the following credentials must be submitted to the Office of Admission: 1) an application for admission and an application fee to the University; 2) the Official GED scores; and 3) Official ACT, SAT, or CPP-II results if applicable.

Transfer Students/Post-baccalaureate Students with Degree Intentions: Students who have previously earned academic credit at a regionally accredited college or university, and have not previously attended Kentucky State University, and have completed the application process in Section II, "Regular Application Procedures," will be admitted if they are in good academic standing and eligible to return to the last institution previously attended. The transfer student is not at liberty to disregard any part of his/her previous college or university record. Failure to report enrollment at another institution may result in dismissal and/or loss of credits earned. Generally, a student suspended/dismissed from a college or university will not be admitted for the semester following his/her suspension/dismissal. Therefore, the University reserves the right to review admissions decisions which were made based upon college transcripts submitted with "course in progress" notations.

A transfer student with fewer than 24 transferable semester credit hours applicable to degree requirements must also satisfy all admission requirements for entering freshmen, including the PCC. (See II.C Transfer Students/Post-baccalureate Students).

Students with an earned baccalaureate degree from a regionally accredited college or university who complete

the application process contained in Section II, "Regular Application Procedures," and who desire to pursue a baccalaureate degree program at Kentucky State University, will be admitted to the University.

Additional information of value to transfer students is contained in the Transfer of Credits section of this Catalogue.

Re-admission Students: A Kentucky State University student who wishes to return to studies after a lapse of two or more academic years will be re-admitted to the University by completing the application process contained in Section III, "Regular Application Procedures." To expedite the admission process, a student seeking re-admission is encouraged to complete the application for re-admission and provide official transcripts of additional college or university coursework previously earned two months before the beginning of the semester of intended enrollment. A student who has been suspended by the University may be re-admitted according to the guidelines contained in the "Academic Regulations and Policies" stated elsewhere in this Catalogue.

Non-degree Students: Students who have completed the application process contained in Section IV, "Regular Application Procedures," may be admitted as a non-degree student. Upon completion of 24 semester credit hours in a non-degree status, a non-degree student is required to reconfirm his/her intention not to pursue a degree from Kentucky State University. Semester credit hours earned at Kentucky State University by students in a non-degree status, before being admitted to a degree program, may not apply toward a degree unless appropriate approval is granted.

Early Admission Program Students (students who have not graduated from high school): A student with exceptional ability and academic interest who has completed the application procedures contained in Section IV, "Regular Application Procedures," will be admitted to the University to pursue University-level coursework before graduation from high school. Such a student will be admitted to the Early Admission Program based upon the recommendation of the high school principal or counselor. In certain cases, an especially well-qualified high school student may be allowed to enroll in coursework that will allow him/her to earn both University credit and credit toward the high school diploma. An interested high school student may obtain details concerning enrollment from the Office of Admissions.

Senior Citizens: A Kentucky resident, 65 years of age or older, who has completed the application procedures contained in Section IV, "Regular Application Procedures," will be admitted to Kentucky State University and shall have all tuition and fees waived. However, the University may limit admission of such students if classes are filled or if their admission necessitates additional classes. Senior citizens may be admitted to degree programs under the appropriate criteria established for non-degree students.

Transient/Visiting Students: Transient/visiting students in good academic standing from another university/college may enroll through the Office of Community Programs. The transient/visiting student must present a letter verifying good academic standing from his/her institution *prior* to enrolling. Kentucky State University cannot guarantee transfer of credit; such approval should be secured from the student's home institution prior to enrolling at the University. Contact the Office of Community Programs for more information.

Special Students: Applicants who do not meet the admission requirements of any of the above classifications, but demonstrate potential to complete regular University coursework, may be admitted on an exception basis by the Vice President for Academic Affairs upon the recommendation of the Office of Admissions.

### APPEAL PROCESS

Applicants who are denied admission to the University for any reason will receive written notice of such denial. Students wishing to challenge the admission decision may make a written appeal to the University's Admissions and Recruitment Committee through the Office of Admissions, Kentucky State University, Academic Services Building, Frankfort, Kentucky 40601.

### **HEALTH EXAMINATIONS AND IMMUNIZATIONS**

Prior to admission, the prospective student (unless attending off-campus classes only) must provide documentation that the required physical examination and immunization certificate have been completed and are on file with the University's Student Health Services. These forms and instructions for completion are provided to students along with the admission materials.

### **INTERVIEWS AND CAMPUS VISITS**

The Office of Admissions conducts campus tours and admission interviews by appointment each weekday from 8:30 a.m. until 4:00 p.m. Interested students are also invited to attend Kentucky State University's visitation days, which are scheduled in the fall and spring. These special days provide parents and students a closer look at the University financial aid and scholarship information, campus tours, and meetings with faculty members. Individuals requesting tours and/or interviews at other times should contact the Office of Admissions regarding special arrangements.

# TRANSFER OF CREDITS

### **POLICIES**

Transcript evaluations at Kentucky State University are carried out in accordance with guidelines published by the American Association of Collegiate Registrars and Admissions Officers.

All credits earned with a grade of "C" or above from a regionally accredited institution of higher education will be accepted for transfer. The transcript evaluation will determine the applicability of these credits to degree requirements at Kentucky State University. Credits that do not fulfill degree requirements will be accepted as free electives if grades of "C" or above were earned.

Credits from non-accredited institutions will be evaluated in the same manner as above, except that final acceptance of such credits will not be given until the student has completed the equivalent of one semester of full-time study with a grade-point average of 2.0 or above on all coursework attempted.

Kentucky State University will not give upper-level credit for courses completed at junior and community colleges without validation that the courses are equivalent to upper-level University courses.

### **PROCEDURES**

Responsibility for the evaluation of transcripts for transfer credit rests with the University's Office of Admissions.

A transfer applicant is responsible for ensuring that all transcripts of previous college or university coursework are sent to the Office of Admissions. The admission decision cannot be made until all transcripts of previous college or university coursework, except for any coursework currently in progress, are received. In the event of academic suspension/dismissal, an applicant must provide a letter of good academic standing from the institution previously attended stating that they are eligible to return to that institution.

Transfer credit from another institution accepted by the University will be placed on a student's academic record following completion of the student's first semester at the University.

Transfer students, except those from non-accredited institutions, will not have a University cumulative grade-point average until they have completed one semester of coursework at Kentucky State University. Quality points will be awarded only for work completed at Kentucky State University. Transfer credit from non-accredited institutions will be placed on the student's academic record upon completion of the equivalent of one semester of full-time study with a grade-point average of 2.0 or above on all coursework attempted.

Upon completion of the evaluation of a transfer applicant's transcript(s), the Office of Admissions will inform the applicant in writing as to the transferability of previously completed coursework and the applicability of these credits to degree requirements at the University.

For students with an undeclared major, applicability of University-accepted credits to specific degree requirements will occur as part of the declaration of major process.



# **COMMUNITY PROGRAMS**

". . . . . opportunity should be equal for all who wish to learn and that learning is a lifelong process unconfined to one's youth or to campus classrooms."

-K. Patricia Cross and John R. Valley

Kentucky State University provides access to anyone who wishes to enroll in courses as a non-degree student; however, admission to associate and baccalaureate programs is governed by the policies and procedures stated elsewhere in this Catalogue.

Kentucky State University's Office of Community Programs is charged with three major responsibilities: 1) to accommodate the needs of non-traditional students by establishing evening, weekend, off-campus, and Kentucky Educational Television (KET) courses; 2) to work closely with state employees and residents of the University's service area in order to meet their learning needs; and 3) to cooperate with area high schools by providing opportunities for qualified high school students to earn college credit for college-level coursework while in high school.

The Office of Community Programs serves students in a variety of ways. It provides advisement/career counseling to non-degree/non-traditional students and administers the College Connection Program, the Senior Citizen Tuition Waiver, and Kentucky State University's Employee Tuition Assistance Program.

In addition, the Office of Community Programs administers the Part-time Scholarship Program. This program enables eligible part-time students to receive a 10 percent tuition reduction for each course in which the student earns a final grade of "A." The reduction will apply to the student's tuition for the next academic term. A part-time student *may only* receive a tuition reduction under the following conditions:

- The student is not receiving any state/federal financial aid, state tuition assistance/reimbursement, or Kentucky State University Employee Tuition Assistance;
- 2. The student continues in a part-time status in the next academic term;
- 3. The course in which the grade of "A" was earned must have been in a regular course (not an internship or field experience); and
- 4. The eligible student must REQUEST the scholarship and provide proof of eligibility at the time of registration. A student who preregisters must provide such evidence and complete a Tuition Waiver Form prior to the beginning of late registration.

Information about these tuition reduction programs may be obtained from the Office of Community Programs.

The Office of Community Programs administers community outreach programs. These include the College Ahead Program and Early Admissions Program, which permits qualified high school students to take regular oncampus or off-campus University courses for college credit; the college credit telecourses offered by Kentucky Educational Television (KET); and the Credit for Life Experience Program (see Credit for Life Experience Section of this Catalogue).

### Military Science Program (Army ROTC)

The Office of Community Programs also serves as the University's staff liaison for KSU students who wish to participate in the Military Science Program (Army Reserve Officers' Training Corps) offered at the University of Kentucky in Lexington, Kentucky. Kentucky State University has entered into a cross-enrollment agreement with the Army ROTC program at the University of Kentucky. Students who wish to participate in the ROTC program, receive ROTC scholarship assistance, and become commissioned as Second Lieutenants in the United States Army may attend the Military Science Program at the University of Kentucky through this crossenrollment agreement. Participating students must provide their own transportation to the University of Kentucky for all military science classes and other ROTC activities.

The Military Science Program is open to both men and women and follows a general military science curriculum. Three- and two-year ROTC scholarships are available on an equal competitive basis to freshmen and sophomores who qualify. These scholarships pay all tuition and required fees up to \$8000 or 80% of the combined total of tuition and required fees for cost over \$8000. The scholarship students also receive a \$100 per month stipend. A military obligation is incurred in exchange for the scholarship funds. Minimum courses required and credit hours for each are listed in the course description section of this catalogue under the Military Science (MLS) course prefixes. Students interested in the Army ROTC program should contact the Office of Community Programs or write to the Professor of Military Science (University of Kentucky, Lexington, Kentucky 40506) for further information.

# CREDIT BY EXAMINATION/ CERTIFICATION AND FOR LIFE EXPERIENCE

With the exception of students in the Administrative Support Services Program who receive credit for the Certified Professional Secretaries' (CPS) exam, up to onefourth the minimum number of semester credit hours required for completion of a baccalaureate degree or an associate degree at Kentucky State University may be earned through any combination of credit by examination/certification and credit for life experience. Credit by examination may be earned through Academic Unit Challenge Examinations and by satisfactory performance on College Level Examination Program tests, the Proficiency Examination Program, and the Advanced Placement Program examinations. Satisfactory performance on the latter three shall be based upon the score established by the appropriate University official. Credit (not a letter grade) shall be entered on the student's record by the Office of Records and Registration. Credit for Life Experience may be granted through the Office of Community Programs.

### ACADEMIC UNIT CHALLENGE EXAMINATIONS

A student intending to challenge a course must complete registration for the course, including payment of applicable fees, during the registration period and must receive the approval of his/her mentor/advisor and the chairperson or dean through which the course is offered. The chairperson may deny the request if it is decided that the student has not furnished evidence that he/she is reasonably prepared to take the challenge examination.

The challenge examination must be taken before the beginning of the third week of classes during the fall and spring semesters, but before the end of the first week of classes during a summer session. A student who wants to challenge a course must attend the respective class before taking the challenge examination.

The challenge examination will be comprehensive in nature and will have been approved by the dean or chairperson as an acceptable examination.

A passing grade ("P") on the challenge examination is the sole determinant of successful completion. No grade is assigned if the student fails the examination. Challenge examination grades will be reported on the official Grade Roster at the conclusion of the semester/session. If the student fails the challenge examination, then the student either may attend the class as a regular student or may choose to withdraw from the course. If the student chooses to withdraw from the course, then the University's existing withdrawal policies apply. A student may not take a challenge examination for classes previously failed.

A student may challenge a course only one time, and no challenge examination will be administered for courses for which College Level Examination Program (CLEP) examinations are available.

Courses t	hat May Be Challenged by Examin	ation
University	Courses	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ADM 100	Elementary Keyboarding	3
ADM 103	Intermediate Keyboarding	3
<b>ADM 121</b>	Introduction to Business	3
ADM 230	Word Processing	3 3 3 3 2 4
BIO 220	Medical Terminology	2
CHE 109	Survey of General Chemistry	4
COS 101	Programming in BASIC	3
COS 110	Programming in FORTRAN	3
COS 180	Advanced Programming in BASIC	3
COS 230	Programming in COBOL	3
ECO 311	Business Statistics I	3
EDU 294	Introduction to Teaching*	3
HED 221	Personal Health and Lifetime Fitness	2
INT 101	Engineering Drafting I	2 3 3 3
INT 124	Basic Electricity (AC and DC)	3
MAT 103	Foundations of Mathematics I	3
MAT 104	Foundations of Mathematics II	3
MAT 110	Intermediate Algebra	3
MAT 120	Precalculus	4
MAT 125	Linear Algebra and Differential	
	Calculus with Business Applications	3
MAT 201	Calculus and Analytic Geometry I	5
MAT 202	Calculus and Analytic Geometry II	5
MUS 101	Music Theory to 1450	3
MUS 120	Minor Applied I	1
MUS 220	Minor Applied II	1
PUA 170	Public Sector Management	3
SCI 095	Science Process Skills	3
*Evaminas MI	ICT document the field component of this of	011900

\*Examinee MUST document the field component of this course in order to receive academic credit.

### ADVANCED PLACEMENT PROGRAM

The Advanced Placement Program (AP) is offered in participating high schools across the country. High school students should consult with their guidance counselor or principal regarding AP courses available in their school, how to register for them, and AP testing schedules and fees.

Currently, Kentucky State University awards semester credit hours for 15 of the AP examinations. (Some

examinations provide credit for two courses.) Code 1368 should be used by the examinee to have the University designated as an AP examination score recipient.

Following are the University courses for which Advanced Placement Program credit is given, plus the appropriate AP examination for each and the minimum score required to receive University credit:

	in a silver increased in desta it	Semester Credit Hours	AP Exam	Minimum Score
University Cour		Solvers	면서, 10년 <u>전 기계 (19</u> 15년 기계	
ART 201, 202	Art History Survey I and II	6	History of Art	3
BIO 101	Life Science	dore 3 shared	Biology	3.446
BIO 111	Principles of Biology	94000 4 64 65674	Biology	4
CHE 101	General Chemistry I	4	Chemistry	3 01
ECO 211	Principles of Economics I	3	Microeconomics	reviding 3 utics
ECO 212	Principles of Economics II	3	Macroeconomics	3
ENG 101	English Composition	3	English Language	and to committee
De California	and Rhetoric I		and Composition	3
ENG 101, 102	English Composition	6	English Language	
done a sed and it	and Rhetoric I and II		and Composition	4
FRE 101	Elementary French I	3	French Language	3
FRE 101, 102	Elementary French I and II	6	French Language	4
GER 101	Elementary German I	3	German Language	3
GER 101, 102	Elementary German I and II	6	German Language	4
HIS 201	U.S. History to 1865	3	American History	3
HIS 201, 202	U.S. History to 1865 and since 1865	nucky 6 Average	American History	4
MAT 201	Calculus and Analytic Geometry I	5	Calculus AB	3
MAT 201, 202	Calculus and Analytic Geometry I and II	10	Calculus BC	3
PHY 111	Introduction to Physics I	3	Physics B	3
PHY 211	General Physics I	5	Physics C: Mechanics	3
PHY 212	General Physics II	5	Physics C: Electricity and	3
	BOOK ON THE STORY OF STREET A		Magnetism	
SPA 101	Elementary Spanish I	3	Spanish Language	3
SPA 101, 102	Elementary Spanish I and II	6	Spanish Language	4

### COLLEGE LEVEL EXAMINATION PROGRAM

The College Level Examination Program (CLEP) is a series of standardized examinations recognized by many colleges and universities. Successful completion of these examinations enables students to receive credit for courses for which they have gained commensurate knowledge through reading and other experiences. Currently, Kentucky State University awards semester credit hours for 22 University courses through CLEP examinations.

The CLEP examinations are given at the University once each semester. Students should take the appropriate CLEP examination the semester before the one in which they would otherwise take the corresponding Kentucky State University course. If unsuccessful on the CLEP examination, students can register for the course during the next semester. Registration for CLEP examinations should be completed with the University's Testing

Service within the first two weeks of the semester in which they will be taken.

For most of the CLEP examinations, Kentucky State University uses as the minimum passing score on the objective portions the "mean C" recommended by the Commission on Educational Credit of the American Council on Education. The notation "Essay/C" signifies that the essay portion of the CLEP examination must also be passed with a minimum grade of "C". The essay is graded by appropriate University faculty members.

For more information, including the current fees, contact the University's Testing Service. The University courses for which CLEP credit is given, plus the appropriate CLEP examination for each and minimum scores required to receive University credit, are the following:

		Semester		Minimum
University	Courses	Credit Hours	CLEP Examination	Score
BIO 101	Life Science	3	General Biology	50, Essay/C
BIO 111	Principles of Biology	4	General Biology	60, Essay/C
CHE 101	General Chemistry I	4	General Chemistry	47, Essay/C
COS 100	Introduction to Computers	3	Computers and Data Processing	47, Essay/C
ECO 211	Principles of Economics I	ATIONS 3 NO 2	Introductory Microeconomics	47, Essay/C
EDU 221	Human Growth: Life Span Development	ns com- 3 COS 10 entrol es- COS 11	Human Growth and Development	45, Essay/C
ENG 101	English Composition and Rhetoric I	and must 3 CCS 25	College Composition	47, Essay/C
FRE 101	Elementary French I and	TOTAL TO	The American Committee of the Committee	
FRE 102	Elementary French II	6	College French	41
GER 101	Elementary German I and	at hetskie	Inches a post and the second	and the same
GER 102	Elementary German II	6	College German	40
HIS 101	World Civilization I	of fall and MAT 10	Western Civilization I (Ancient Near East to 1648)	46, Essay/C
HIS 102	World Civilization II	the wants of MARY	Western Civilization II (1648 to the Present)	47, Essay/C
HIS 201	U. S. History to 1865	ave class 3	American History I (Early Colonizations to 1877)	45, Essay/C
HIS 202	U. S. History since 1865	3 MAT 20	(American History II 1865 to the Present)	45, Essay/C
MGT 323	Principles of Management	3	Introduction to Manage- ment	47, Essay/C
MKT 351	Principles of Marketing	3	Introductory Marketing	48, Essay/C
POS 101	American Government	3	American Government	47, Essay/C
PSY 200	General Psychology	of Code, 3	General Psychology	47, Essay/C
SOC 203 SPA 101	Principles of Sociology Elementary Spanish I and	3	Introductory Sociology	47, Essay/C
SPA 102	Elementary Spanish II	6	College Spanish	41

### **PROFICIENCY EXAMINATION PROGRAMS**

Nursing: Kentucky State University's Department of Nursing offers Licensed Practical Nurses (LPN's) the opportunity to be exempted from taking NUR 101 (Nursing I) by successfully completing the ACT-PEP Fundamentals of Nursing Examination and a nursing skills test administered by the Department of Nursing. A minimum of 50 is required on the ACT-PEP, and a satisfactory performance is required on the nursing skills test. Code 1516 must be used to designate Kentucky State University as a score recipient. Interested students should contact the Chairperson for the Department of Nursing.

Foreign Languages: The area of Modern Foreign Languages offers proficiency examinations for students with prior experience in French, German, and Spanish. Students who demonstrate competency in a foreign language by making the necessary score on a proficiency examination may qualify for a 102-level foreign language course (or above) depending upon their score. Students demonstrating competency above the 102-level are considered to have fulfilled the foreign language requirement of the University's Liberal Studies Requirements. However, students demonstrating foreign language competency through a proficiency examination will not receive academic credit. Foreign language proficiency examinations may not be repeated.

### CREDIT FOR LIFE EXPERIENCE

The "Credit for Life Experience" program is a Kentucky State University option which affords an adult student, who has significant learning generated by life experiences, the opportunity to document this learning for possible academic credit. To be eligible for the program, a student: 1) must enroll in CLE 299 (Portfolio Development) with the approval of the Office of Community Programs; 2) must be an associate or baccalaureate degree-seeking student and have completed both ENG 101 (English Composition and Rhetoric I) and MAT 110 (Intermediate Algebra), or their equivalents at other institutions; and 3) must have significant life experience that is equivalent to selected and approved coursework offered by the University.

The successful completion of CLE 299 results in the development of a portfolio that documents the student's learning through life experience and becomes the basis for the formal request for academic credit. The interested student is advised that academic credit through assessment is granted only for related courses taught by the University's faculty as part of the degree programs of Kentucky State University. Academic credit is not available for any course that state or accrediting agency

policy does not allow to be granted by assessment.

The portfolio can be assessed only after the student has been billed for and has paid a non-refundable fee equal to one-third the prevailing tuition rate per semester credit hour for the sum of all credits requested through the portfolio.

A student may earn up to one-fourth the minimum number of semester credit hours required for completion of an associate or a baccalaureate degree under the Credit for Life Experience option provided that no other credit by examination/certification has been earned (including CLEP and Challenge Examinations). A student who intends first to complete an associate degree program and then work toward a baccalaureate degree may "bank" credits above one-fourth the minimum number of semester credit hours, which would then become applicable toward a baccalaureate degree. The payment will amount to one-third of the appropriate prevailing tuition rate

A student is eligible to take CLE 299 and to complete the assessment process only once in each five-year period.

The Credit for Life Experience program is administered by the Office of Community Programs. Inquiries about the program should be directed to the Office of Community Programs.

### ARMED SERVICE CERTIFICATION CREDIT

Armed service school courses taken by armed service personnel will be granted credit as recommended in the *Guide to the Evaluation of Educational Experience in the Armed Services*. Certificates of completion of such courses must be presented for the awarding of credit.

### VOCATIONAL SCHOOL ARTICULATION AGREEMENT

Kentucky State University, through an articulation agreement with regional post-secondary vocational and technical schools, awards semester credit hours to applicants who continue their technical field of study in Industrial Technology or Administrative Support Services at the University. Inquiries relating to this agreement should be directed to the College of Professional Studies.

# CERTIFIED PROFESSIONAL SECRETARIES' (CPS) DESIGNATION

Kentucky State University awards semester credit hours to applicants who have successfully completed the Certified Professional Secretaries' (CPS) exam and maintain current CPS designation. Inquiries relating to this exam should be directed to the College of Professional Studies.

### **TESTING SERVICE**

The University's Office of Testing is responsible for the administration, scoring, reporting, and record keeping for a number of nation-wide standardized testing programs and services, as well as for specialized institutional testing programs and services.

The specific tests and programs may vary as the University's programs change, but they currently include the following:

- 1. The General Educational Development tests (GED) (high school equivalency test);
- 2. The American College Testing Program (ACT) (the preferred entrance test for Kentucky State University);
- 3. The reporting and collation of all the University's placement tests (the actual administration of such tests is completed by the appropriate academic unit);
- 4. A basic skills comprehensive test is required of all second-semester sophomores and applicants to the Teacher Education Program;
- The College Level Examination Program (CLEP)
   (a procedure for receiving college credit for specific courses by passing the corresponding national examination);
- The Graduate Record Examinations (GRE) (required for entrance or full acceptance into many graduate schools, including the University's Master of Public Administration program);
- The Scholastic Aptitude Test/Achievement Tests (SAT/ACH) (required by some colleges or universities for entrance and may be used as an alternate test for admission to Kentucky State University in certain cases); and

8. Correspondence examinations (for persons taking courses by correspondence from other universities).

In addition, the Office of Testing has the official registration forms for other testing programs, such as the National Teacher Examinations (NTE), the Graduate Management Admissions Test (GMAT), the Law School Admissions Test (LSAT), and the Medical College Admissions Test (MCAT). The Office of Testing also receives test scores from other programs, such as the Advanced Placement Program and the Test of English as a Foreign Language, and distributes these scores to the proper academic units. Moreover, the Office of Testing offers consultation services and workshops to students, faculty, staff, and administrators on a variety of test-related topics including test preparation, test-taking skills, and test usage and interpretation.

Students planning to take any of the above tests should keep in mind that most tests are given only a few times a year on specific dates. The date selected should provide time for the scores to be received by the institution by the announced deadline. (Ordinarily it takes four to six weeks after the test for the results to be available.) Most tests require registration about one month in advance of the actual test date.

Complete details on the above testing services and programs including test/registration deadlines and fees are available from the Office of Testing. Information on the ACT, Advanced Placement Program, and SAT is also available from high school counselors or principals.

# STUDENT EXPENSES

Expenses associated with attending Kentucky State University are intentionally kept as reasonable as possible to help assure access to the University's programs. Tuition fees are established for all public higher education institutions in Kentucky by the state Council on Higher Education. During the 1994-95 academic year, the following academic year expenses apply:

	117
Resident (in-state) students	Undergraduate
Tuition*	\$1,580.00
Board	1,572.00
Room** (double occupancy)	1,244.00
Student Activity Fee	160.00
Computer Usage Fee	20.00
Total	\$4,576.00

Non-resident (out-of-state) students	Undergraduate
Tuition*	\$4,740.00
Board	1,572.00
Room** (double occupancy)	1,244.00
Student Activity Fee	160.00
Computer Usage Fee	20.00
Total	\$7,736.00

\*1995-96 In-state tuition: \$1,700.00 Out-of-state tuition: \$5,100.00

\*\*Single occupancy per annum: Regular \$1,910.00

Additional money should be budgeted for other expenses. Books and supplies will cost an estimated \$510 per year, and personal expenses are estimated at \$700-\$900 a year.

Tuition for part-time undergraduate students — those carrying fewer than 12 semester credit hours a semester — in 1994-95 is \$66 a semester credit hour for Kentucky residents and \$198 a semester credit hour for non-residents. Part-time students pay a \$7 student activity fee per semester.

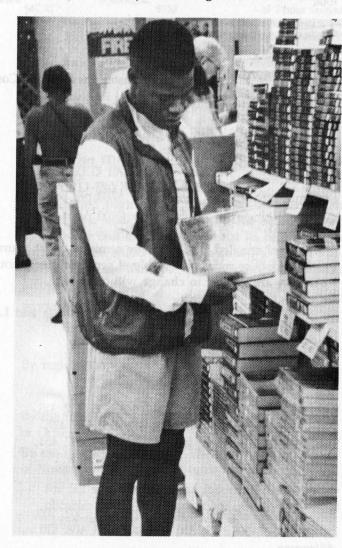
Graduate student tuition for 1994-95 is \$1,740 a year for Kentucky residents and \$5,220 a year for non-residents. Graduate student tuition for 1995-96 is \$1,880 a year for Kentucky residents and \$5,640 a year for non-residents. Activity fee and room and board charges for graduate students are the same as those for undergraduates.

Tuition for part-time graduate students — those carrying fewer than 9 semester credit hours a semester — in 1994-95 is \$97 a semester credit hour for Kentucky residents and \$290 a semester credit hour for non-

residents. Part-time students pay a \$7 student activity fee per semester.

The cost of attending the University is considerably less than that at private liberal arts institutions to whose academic programs and institutional goals the University may best be compared. Kentucky State University acknowledges, however, that many students require some form of financial assistance in order to support their study at the University. Kentucky State University provides a wide range of such support through a program of scholarships, grants, college work-study, and low-interest loans. Approximately 80 percent of the students currently enrolled in the University receive some form of financial assistance, based upon individual need or merit. Information about financial assistance is in the Catalogue section, Financial Aid and Scholarships.

All fees are subject to change without notice.



### SCHEDULE OF FEES AND EXPENSES, 1994-95

Semester Costs for Full-time Students

	BOARDING ST	UDENTS	NON-BOARDING STUDENTS	
In-State	Undergraduate	Graduate	Undergraduate	Graduate
aral vicasal aron acida asig	\$790.00	\$870.00	\$790.00	\$870.00
Tuition	786.00	786.00	.00	.00
Board		622.00	.00	.00
Room (double occupancy	80.00	80.00	80.00	80.00
Student Activity Fee Computer Usage Fee	10.00	10.00	10.00	10.00
Total	\$2,288.00	\$2,368.00	\$880.00	\$960.00
Out-of-State	Undergraduate	Graduate	Undergraduate	Graduate
	\$2,370.00	\$2,610.00	\$2,370.00	\$2,610.00
Tuition	786.00	786.00	.00	.00
Board	distributed increme a Disputation of	622.00	.00	.00
Room (double occupancy	80.00	80.00	80.00	80.00
Student Activity Fee Computer Usage Fee	10.00	10.00	10.00	10.00
Total	\$3,868.00	\$4,108.00	\$2,460.00	\$2,700.00

<sup>\*</sup>Single occupancy per semester: Regular \$955.00

### Semester Credit Hour Costs for Part-time Students

Undergraduate	Graduate	
In-state	In-state\$97.00 per semester credit hour	
Out-of-state	Out-of-state\$290.00 per semester credit hour	
Student Activity Fee	Student Activity Fee	

A student enrolled for 12 or more semester credit hours constitutes a full-time undergraduate student. A student enrolled for 9 or more graduate-level semester credit hours constitutes a full-time graduate student.

All fees are subject to change without notice.

### Course and Laboratory Fees

Administrative Support Services ADM 100, 103, 222, 225, 228, 230, 231 \$5/course	Chemistry CHE 101, 102, 201, 202, 203, 307, 308, 312, 314, 315 \$10/course	
Art ART 101, 102, 104, 113, 130, 240, 245, 305, 307, 315, 317, 319, 340, 345, 405, 407, 415, 417, 419, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 451, 452, 453 \$5/course	Child Development and Family Relations CDF 315, 407, 408 \$5/course  Food and Nutrition FNU 101, 202, 401	
Biology BIO 101, 107, 108, 111, 204, 210, 212, 301, 302, 303, 304, 305, 307, 308, 309, 310, 403, 404, 405, 408, 410 \$5/course	\$5/course  Industrial Technology INT 101, 102, 104, 124, 125, 126, 128, 141, 142, 201, 202, 203, 225, 227, 228, 243, 249, 253, 263  \$5/course	

### Music Private lessons for fall and spring: Piano, Voice, and Organ-1 half-hour lesson/week \$30.00 2 half-hour lessons/week \$50.00 Nursing NUR 101, 102, 201, 202 \$25/course Annual insurance fee **Physical Sciences** PHS 203 \$5/course **Physics** PHY 111, 112, 207, 208, 211, 212, 312, 320, 340, 361 \$5/course **Public Administration** PUA 797 \$246/course Textiles, Clothing, and Merchandising TCL 221, 222 \$5/course

### Computer Usage Fee

There is a mandatory charge of \$10.00 per semester for each full-time student and a \$5.00 fee for each part-time student (full-time is defined as 12 or more semester credit hours for undergraduate students and 9 or more semester credit hours for graduate students; part-time is defined as less than 12 semester credit hours for undergraduate students and less than 9 semester credit hours for graduate students). All students taking three or more courses in any semester which require the use of direct computing support through classes or laboratory periods will incur an additional \$5.00 charge per semester or a total of \$15.00 if a full-time student, \$10.00 if a part-time student. These mandatory fees will be dedicated to the future replacement/upgrade of computer acquisitions as well as to offset the cost of current provisions of equipment, software, and operating expenses.

### Other Fees

### Miscellaneous

pplication !	Fee	\$15	Late Registr	ation	\$15/semester
uto Registra	ation	\$15/year	Meal Card I	Replac	ement\$10/card
alletin of Ir	formation	1	Returned C	heck	\$15
egistration	Form Mail	ing \$1	Social		\$5/year
eferred Pay	ment \$25	/semester	Student Act	ivity	\$80/semester
rop/Add	\$7.50/add	d or drop	Student ID (	Card R	eplacement\$10
raduation	\$23.25/(	excluding	Transcript	\$3	(one free with
	cap	& gown)	Val.		degree)
	Action and the second	and the second second second			

### Testing

ABLE	\$10	Processing Fee for Unused Test
ACT	National \$15	ACT \$
ACT	Residual \$15	CLEP \$
CLEP	\$45/each test	CPP-2 \$3
CPP-2	\$15	GED \$3
GED	\$15/test	NTE - of PPST tests x \$20
GMAT	\$52	- of Core Battery tests x \$2
GRE	General \$48	- of 1-hour Subject
LSAT	\$74	Assessment/Area tests x \$35
MCAT	\$140	- of 2-hour Subject
Nursing Test Fee	\$5/test	Assessment/Area tests x \$50
PEP	\$45-55	- of 1-hour MSAT tests x \$35
SAT	\$12	- of 2-hour MSAT tests x \$50
TOEFL Standard	\$35	Registration Fee \$20
	Pacidor	aca Uall

All fees are subject to change without notice.

\$45 Damage Deposit

\$10 Key Replacement

# DEFERRED PAYMENT PLAN: FEE AND PAYMENT SCHEDULE

A deferred payment fee of \$25 will be added each semester if a student does not have the entire amount to cover the cost for that semester at its beginning. In such case, the student will be required to sign a Promissory Note and make payment in accordance with the following schedule:

### PAYMENT DUE

Room Reservation

Key Deposit

# AMOUNT OF PAYMENT DUE

### Fall Samester

rall	Semester
By registration	One-half of tuition, room, board, and the total of other fees
By the first Friday of October	One-quarter of tuition, room, and board
By the first Friday of November	The remaining balance of tuition, room, and board

For fall semester 1994 the following dates are applicable: date of registration; October 7; and November 4, 1994.

 For fall semester 1995 the following dates are applicable: date of registration; October 6; and November 3, 1995.

### **Spring Semester**

By registration	One-half of tuition, room, board, and the total of other fees
By the first Friday of March	One-quarter of tuition, room, and board
By the first Friday in April	The remaining balance of tuition, room, and board

- For spring semester 1995 the following dates are applicable: date of registration; March 3; and April 7, 1995.
- For spring semester 1996 the following dates are applicable: date of registration; March 1; and April 5, 1996.

In addition to the Deferred Payment Plan, Kentucky State University participates in the Monthly Payment Option Plan through Tuition Management Systems. This Plan enables families to spread all or part of their annual educational expenses over ten equal, monthly payments. This eliminates the lump sum payment usually due at the start of each semester. There is a \$40 annual fee for this service. No interest or other charges are assessed. For further information, contact the Office of Student Financing and Collections or Tuition Management Systems at 1-800-722-4867.

### TUITION AND FEE REFUND POLICY

Students withdrawing from the University or dropping credits that result in a change in the assessment of fees will be eligible for a refund of fees based on the dates and conditions listed below. No refund can be made on certain fees and optional fees as established by the Kentucky State University Board of Regents. The date of completion of the withdrawal/drop determines the percent of refund for which the student is eligible. A withdrawal/drop is complete when the necessary forms have been completed and received in the office designated as follows:

Fall/Spring	All students	Counseling and
Semester &		Career
Summer		Placement
Session	337 3011	
Withdrawal		

Fall/Spring All students Records and Registration
Summer Session
Dropping classes

### Tuition and Fee Refunds

For purposes of calculating refunds of fees paid, "weeks" are counted as seven-day periods beginning with the first day of classes for a semester, and "days" refer to University working days. Percentages of fees for refunds are based on the following:

### Fall and Spring Semesters

- 100 percent refund Prior to the first day of classes and during the first week of classes
- 75 percent refund During the second week of classes
- 50 percent refund During the third week of classes
- 25 percent refund During the fourth week of classes

No refund will be made after the fourth week of classes.

### **Summer Session**

- 100 percent refund Prior to close of late registration
- 75 percent refund Two days after close of late registration
- 50 percent refund Next four days after close of late registration
- 25 percent refund Next two days after close of late registration

No refund will be made nine days after close of late registration.

### ROOM AND BOARD REFUNDS

No refund of room and board fees will be made or adjusted for students withdrawing for the academic year or moving out of the dormitories if not completed within a 48-hour period from the official date of registration, unless approved by the Vice President for Student Affairs.

### REFUND APPEAL PROCESS

A committee composed of the Vice President for Finance and Administration, Vice President for Student Affairs, and Vice President for Academic Affairs or their designees and chaired by the Vice President for Student Affairs reviews all appeals from students or parents/guardians who feel that individual circumstances warrant exception from this policy. Requests for appeals should be sent to the Vice President for Student Affairs.

### FEE ASSESSMENT: CLASSIFICATION OF STUDENTS

The following is a statewide policy affecting students at all public higher education institutions in Kentucky, including Kentucky State University. It was established by the state Council on Higher Education.

# UNIVERSITY RESIDENCY PROCESS AND APPEALS

The Office of Records, Registration, and Admissions determines the residency status of students at the time of application to the University. A student who questions his/her residency status, whether a new applicant or a currently enrolled student, should direct all inquiries to the Office of Records, Registration, and Admissions. Upon completion of the required affidavit by the student and provision of all required documentation, a residency decision will be made by the Office of Records, Registration, and Admissions. A student may appeal this decision through the Office of Records, Registration, and Admissions to the University Residency Admission/Recruitment Committee, which is established to consider residency-classification appeals. Appeals should be addressed to the Associate Director of Admissions, Kentucky State University, Frankfort, KY 40601. If the decision by the committee is not satisfactory, a student may make a final appeal to the Executive Director of the Council on Higher Education. The student will be notified in writing of the decision rendered at each level of the appeal.

### Necessity and Function:

Public institutions of higher education were established and are maintained by the Commonwealth of Kentucky primarily for the benefit of qualified residents of Kentucky. The substantial commitment of public resources to higher education is predicated on the proposition that the state benefits significantly from the existence of an educated citizenry. As a matter of policy, access to higher education is provided so far as practicable at reasonable cost to residents of the state. It is the longstanding practice of the Council on Higher Education to require students who are not Kentucky residents to meet higher admission standards and to pay a higher level of tuition than resident students. The Commonwealth of Kentucky uses residency requirements to determine items such as voting rights, income tax liability, and employment in certain occupations. The requirements vary in form and substance for each of these uses. The purpose of this regulation is to establish a process and corresponding criteria for the residency classification of students seeking admission to, or enrolled in, public institutions of higher education. Furthermore, it is the intent of the Council on Higher Education that this regulation be interpreted and applied in a uniform manner, as described herein, in determining whether students shall be classified as residents or non-residents for admission and tuition assessment purposes.

### SECTION 1.

### Definitions.

The language of this regulation on residency classification contains some legal terms as well as everyday terms which have specialized meaning in the determination of residency for admission and tuition assessment purposes. The following definitions apply in the interpretation and application of this regulation:

- 1. "Academic term" means a division of the school year during which a course of studies is given, e.g., semester, quarter, or intersession.
- 2. Enrollment at a college or colleges shall be deemed "continuous" if the person claiming "continuous" enrollment continues to be enrolled at the same degree level for consecutive terms (excluding summer) since the beginning of the period for which continuous enrollment is claimed. The sequence of continuous enrollment is broken if the student fails to enroll, except under extenuating circumstances beyond the student's control, e.g., serious personal illness or injury, or illness or death of parent.
- 3. "Degree level" means one (1) of the following:
  - A. Undergraduate (enrollment is courses or programs which result in the baccalaureate degree or lower);
  - B. Graduate (enrollment in courses or programs which result in a post-baccalaureate degree other than the first professional degrees in law, medicine, and dentistry); or
  - C. Professional (enrollment in courses or programs which result in a professional degree in law, medicine, or dentistry.)
- 4. The term "dependent person" means a person who is unable to meet all of the criteria listed in subsection (9) of this section.
- 5. "Documentation" refers to the submission of source documents, e.g., official letters, papers, or sworn statements. As a general rule, evidence cited as the basis for domicile shall be documented, and the required documentation shall accompany the application for residency classification.

- 6. The term "domicile" means a person's true, fixed, and permanent home. It is the place where the person intends to remain, and to which the person expects to return without intending to establish a new domicile elsewhere. "Legal residence" and domicile convey the same notion of permanence and are used interchangeably.
- 7. "Full-time employment" means employment for at least forty-eight (48) work weeks at an average of at least thirty (30) hours per week.
- 8. "Half-time enrollment" means any enrollment during an academic term which is equal to onehalf (1/2) of full-time as determined by the governing board of the institution.
- 9. The term "independent person" means a person who meets all of the following criteria. An independent person is one:
  - A. Whose parent has not claimed such person as a dependent on federal or state income tax returns for the tax year preceding the date of application for reclassification of residency
  - B. Who demonstrates no financial dependence upon parent(s); and
  - C. Whose parents' income is not taken into account by any private or governmental agency furnishing educational financial assistance to the person, including scholarships, loans, and other assistance.
- 10. The terms "institution," "institution of higher education," or "college" refer to all institutions, public or private, offering instruction and conferring degrees beyond the secondary school level, such as four (4) year colleges or universities, seminaries, two (2) year institutions (community colleges and junior colleges), and post-secondary vocational-technical schools.
- 11. The term "non-resident" means a person who currently maintains legal residence outside Kentucky or has not met the criteria for establishing residency as defined in this regulation.
- 12. The term "parent" means one (1) of the following: A. a person's father or mother, or
  - B. a court-appointed legal guardian.

The term "parent" shall not apply if the guardianship has been established primarily for the purpose of conferring the status of resident on a person.

13. The term "resident" means a person who is a legal resident of Kentucky based upon fulfilling the criteria for establishing residency as set out in Section 2 of this regulation.

### SECTION 2. Guidelines for Determination of Residency.

- 1. Initial classification of residency shall be determined based upon the facts existing when the conditions governing admission for a specific academic term have been met. Initial residency determinations generally are made on the basis of information derived from admissions materials. An undergraduate student whose admissions records show the student to be a graduate of an out-ofstate high school is presumed to be a non-resident and shall be initially so classified. A student whose admissions records indicate the student's domicile to be outside of Kentucky at time of application is presumed to be non-resident and shall be initially so classified.
- 2. The domicile of a dependent person is that of either parent. The domicile of the parent shall be determined in the same manner as the domicile of an independent person.
- 3. The domicile of a dependent person whose parents are divorced, separated, or otherwise living apart shall be presumed to be Kentucky if either parent is a resident of the Commonwealth regardless of which parent has legal custody or is entitled to claim that person as a dependent pursuant to Kentucky income tax provisions.
- 4. Evidence submitted on behalf of a dependent person shall pertain to the domicile of the parent(s). A person claiming independent status shall document that proclaimed status and demonstrate that domicile in Kentucky has been established.
- 5. Any dependent person whose parent(s), having domicile in this state, moves from this state shall be entitled to classification as a resident while in continuous enrollment at the degree level in which currently enrolled. When continuous enrollment is broken or the current degree level is completed, the person's residency classification shall be reassessed in accordance with the appropriate sections of this regulation.
- 6. An independent person who moves to Kentucky and within twelve (12) months enrolls in an institution of higher education more than half-time shall be presumed to have come to Kentucky

- primarily for educational purposes rather than to establish domicile in Kentucky. Such person shall be classified as a non-resident unless establishment of a Kentucky domicile can be demonstrated in accordance with Section 3 of this regulation.
- 7. Upon moving to this state, an independent person who provides clear and convincing evidence of domicile shall be eligible for resident classification of self, spouse, or dependent children, provided that any of these persons is not in this state primarily as a student. A person who moves to Kentucky primarily for the purpose of enrollment of either self, spouse, or dependent in an institution of higher education shall not be granted resident classification unless such person can demonstrate establishment of a Kentucky domicile in accordance with Section 3 of this regulation.
- 8. If an independent person or the parent of a dependent person moves out-of-state, domicile, having been established in Kentucky, is retained until steps are taken to establish domicile elsewhere. The same facts and conditions which are presumed in establishing a Kentucky domicile are similarly presumed in determining when a former Kentucky domicile has been abandoned. In the absence of clear and convincing evidence as to the domicile of an independent person who at one time had domicile in Kentucky, that person is presumed to have lost Kentucky domicile upon a one (1) year absence from the state.
- 9. An individual shall not be deemed to have established domicile in this state solely by reason of marriage to a Kentucky resident. However, the fact of marriage to a Kentucky resident shall be deemed relevant evidence to be considered in ascertaining domiciliary intent. A student initially classified as a non-resident who marries a Kentucky resident shall be eligible for resident reclassification if the requisite criteria listed in Section 3 of this regulation are met.
- 10. Given transfer to, or matriculation in, another Kentucky public institution of higher education, the student's residency classification shall be reassessed by the receiving institution.
- 11. An individual whose domicile was Kentucky at the time of induction into the military, and who maintains Kentucky as home of record and permanent address, shall be entitled to resident status if the individual returns to this state within six (6) months of date of discharge from active duty.

- 12. A member or the spouse of a member of the Armed Forces of the United States stationed in Kentucky on active military orders is considered domiciled in the state and shall be entitled to classification as a resident while the member is on active duty in this state pursuant to such orders. The spouse of the member, while in continuous attendance at the degree level in which currently enrolled, shall not lose resident status when the member is thereafter transferred on military orders. Individuals classified under this section shall be reassessed in accordance with the appropriate sections of this regulation when the qualifying condition is terminated. This regulation is invalid if the individual is stationed in Kentucky for the purpose of enrollment at an institution of higher education or on temporary assignment of less than one (1) year.
- 13. A dependent person whose parent is a member of the Armed Forces and stationed in this state on active duty pursuant to military orders shall be classified as a resident. The student, while in continuous attendance at the degree level in which currently enrolled, shall not lose resident status when the parent is thereafter transferred on military orders. When continuous attendance is broken or the current degree level is completed, the person's residency classification shall be reassessed in accordance with the appropriate sections of this regulation. This subsection does not apply if the parent is stationed in Kentucky for the purpose of enrollment at an institution of higher education or on a temporary assignment of less than one (1) year.
- 14. Any person holding a permanent residency visa or classified as a political refugee has the capacity to remain in Kentucky indefinitely and shall establish domicile in the same manner as any other person. Time spent in Kentucky and progress made in fulfilling conditions of domicile as stated in Section 3(1) prior to obtaining permanent status may be considered in establishing Kentucky domicile.
- 15. Any person holding a non-immigrant visa with designation A, E, G, H, I, or L may remain in Kentucky as long as the authorized purpose or established need continues and may establish domicile the same as any other person. In assessing the residency status of such a person, other sections of this regulation shall apply and the person's purpose and length of stay as well as other

- conditions governing presence in Kentucky shall be determined and considered. If this review justifies a resident classification, the person shall be classified as a resident for admission and tuition assessment purposes.
- 16. Any person holding a non-immigrant visa with designation B, C, D, F, J, K, or M does not have the capacity to remain in Kentucky indefinitely and may not attain Kentucky resident status for admission and tuition assessment purposes.
- 17. Pursuant to KRS 164A.330 and 200 KAR 16:040, beneficiaries of a Kentucky Educational Savings Plan Trust shall be granted resident classification for tuition purposes if:
  - A. The beneficiary is covered under a vested participation agreement;
  - B. The beneficiary has been a continuous resident of the Commonwealth of Kentucky during the eight (8) year vestment period; and
  - C. The beneficiary enrolls in an institution of higher education in Kentucky prior to enrollment in any other educational institution.
- 18. No independent person shall be presumed to have gained resident status while being enrolled in any institution of higher education more than half-time in the absence of clear and convincing evidence that the person has established domicile in Kentucky.
- 19. Domicile shall not ordinarily be conferred by the performance of acts which are auxiliary to fulfilling educational objectives or are performed as a matter of convenience. Mere physical presence in Kentucky (including living with relatives or friends) is not sufficient evidence of domicile.

### SECTION 3.

# Types of Evidence to Be Considered for Establishment of Domicile.

1. Evidence submitted on behalf of a dependent person shall pertain to the domicile of either parent. Initial classifications generally are made on the basis of information derived from admissions materials, and individuals who enroll in college immediately following graduation from high school and remain enrolled are treated as dependent persons unless the contrary is evident from the information submitted. In such cases, domicile will be inferred from the student's permanent address, parent's mailing address, or location of high school of graduation.

- 2. A person claiming independent status shall document independent status under Section 1(5) of this regulation and shall demonstrate by clear and convincing evidence that domicile in Kentucky has been established by that person's acts. If an independent person asserts that domicile in Kentucky has been established, the person has the burden of proving that assertion by clear and convincing evidence.
- 3. The determination of domicile shall be based upon verifiable circumstances or actions. No single fact is paramount, and each situation shall be evaluated to identify those facts which are essential to the determination of domicile.
- 4. The following facts, although not conclusive, have probative value in support of a claim by an independent person for resident classification:
  - A. Acceptance of an offer of full-time employment or transfer to an employer in Kentucky or contiguous area while maintaining domicile in Kentucky;
  - B. Continuous physical presence in a nonstudent status for the twelve (12) months immediately preceding the last date for enrollment in an institution;
  - Filing of Kentucky resident income tax return for the calendar year preceding the date of application for reclassification of residency status;
  - D. Full-time employment of at least one (1) year while living in Kentucky;
  - E. Attendance as a full-time, non-resident student at an out-of-state institution of higher education while determined to be a resident of Kentucky;
  - F. Abandonment of a former domicile and establishing domicile in Kentucky with attendance at an institution of higher education following and only incidental to such change in domicile;
  - G. Payment of occupational taxes in Kentucky;
  - H. Payment of real property taxes in Kentucky;
  - Payment of intangible personal property taxes in Kentucky;
  - J. Ownership of real property in Kentucky, if the property was used by the student as a residence for at least six (6) months preceding the date of application for reclassification of residency status;

- K. Long-term lease (at least twelve (12) consecutive months) of non-collegiate housing;
- L. Kentucky automobile registration;
- M. Kentucky driver's license;
- N. Continued presence in Kentucky during vacation periods;
- O. Marriage to a Kentucky resident; and
- P. Registration as a Kentucky voter.
- 5. Documentation. The determination of domicile must be based upon verifiable circumstances or actions, and a student may be required to submit original or notarized copies of any relevant evidence pertaining to domicile. When reviewing the documentation submitted, institutions may request additional documentation to clarify the person's circumstances and to formulate a classification decision which considers all relevant facts.
- 6. Submission of False Documents. A student who gives incorrect or misleading information to institution officials may be subject to criminal prosecution and to such disciplinary sanctions as may be imposed by the institution, which shall include but not necessarily be limited to the payment of non-resident tuition for each academic term attended.

# SECTION 4. Responsibilities.

- 1. Institution responsibilities. Each institution shall designate an administrative office or person with delegated day-to-day responsibility for administration of this classification regulation and for evaluating and deciding student requests for reclassification. Each institution shall also establish a residency review committee (hereafter the committee) to assist and recommend action on student requests for reclassification referred to the committee by said administrative office or person having day-to-day responsibility for this regulation. To evaluate student requests for reclassification, each institution shall establish and operational policy including procedures and designated responsibilities. The Council on Higher Education Residency Classification Policy shall be published in its entirety in the official bulletin(s) of each institution.
- Student responsibilities. The responsibility for registering under the proper residency classification is that of the student. It is the student's obligation to raise questions concerning residency

- classification and make application for change of residency classification with the administrative officials of the institution. A student classified as a resident who becomes a non-resident shall be required to notify immediately the proper institutional officials. However, if the student fails to notify institution officials of the change in status, institutional officials may investigate and evaluate the current status of the student regardless of the source of the information. A student classified as a non-resident is considered to retain that status until the student makes written application for reclassification in the form prescribed by subsection (3) of this section and is officially reclassified by the proper administrative officials.
- 3. Request for reclassification. Application for change of residency classification shall be made to the administrative office or person designated by the institution for this purpose. Such application with supporting documentation shall be made by the student not more than forty-five (45) calendar days after the first day of classes of the academic term for which reclassification is sought. A student may apply for reclassification only once during the academic term for which reclassification is requested.
  - A. To support full consideration of a request for a change in residency classification, each application shall consist of a complete affidavit which includes the necessary documentation to substantiate facts cited for reclassification. Each applicant is encouraged to submit a formal statement indicating the basis for the claim to resident status. The student shall be responsible for ensuring that all necessary documentation is submitted with the affidavit. Incomplete applications may be returned to the student for completion at the discretion of appropriate institutional officials.
  - B. Applications for reclassification shall be reviewed according to institutional policy. When application for reclassification is referred to the committee, the student shall be notified in writing as to the committee's decision on the application. The committee's written decision on residency shall include findings of fact, and determination of whether the applicant is deemed to be a "dependent person" or "independent person," whether the applicant is a "resident" or "non-resident," and the reason(s) based upon this regulation

for said determinations. If an application results in a change of classification from non-resident to resident, such change shall not be made retroactive beyond the academic term in which application for resident classification is made. A student denied resident classification by the committee shall have the right to appeal such decision to the Council on Higher Education.

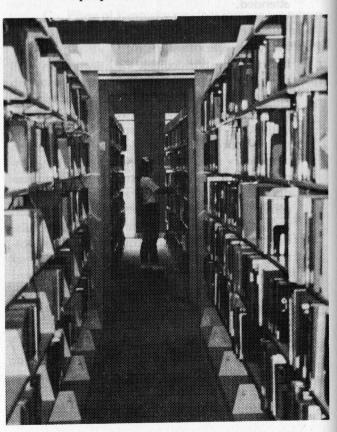
# SECTION 5. Procedure for Appeal to the Council On Higher Education.

- 1. The Executive Director of the Council on Higher Education shall appoint a person to serve as an appeals officer. The appeals officer shall review all residency appeals from the public institutions of higher education to determine if the committee's written decision is supported by substantive evidence and in conformity with this regulation.
- 2. After the student receives the decision of the committee, the student has fourteen (14) calendar days in which to appeal that decision to the Council on Higher Education. The student initiates this process by giving written notice to the chair of the committee or the person or office designated by the institution to handle such appeals. Appeals filed more than fourteen (14) calendar days after receipt of the decision of the committee shall be dismissed and the decision of the committee shall be final.
- 3. The committee or its designated representative shall be responsible for forwarding to the Council on Higher Education a complete copy of the student's file within fourteen (14) calendar days of the receipt of a notice of appeal. The student may review the content of the file before it is forwarded to the Council on Higher Education.
- 4. The appeal shall be considered on the written record alone, and new or additional evidence shall not be considered.
- 5. The appeals officer shall review the written record and the committee's written decision and shall make a recommendation to affirm, modify, or reverse the committee's decision. The appeals officer may order the appeal remanded to the committee for further proceedings before the appeals officer renders a recommendation. Within twenty-one (21) calendar days after receipt of the student's file, the recommendation of the appeals officer shall be forwarded to the Executive Director of the

- Council on Higher Education or designated representative. The Executive Director of the Council on Higher Education or designated representative shall promptly forward the recommendation of the appeals officer to the institutional representative designated to handle appeals for final disposition by the institution in accordance with established institutional procedures.
- 6. The institutional representative shall promptly forward the recommendation of the appeals officer to the student. Each party (the institution and the student) shall have ten (10) calendar days after receipt of the appeals officer's recommendation to file written exceptions to the report with the institutional representative designated to handle final disposition of appeals. The institution shall make final disposition of the appeal and notify the student within thirty (30) calendar days after expiration of the ten (10) day period for filing exceptions.

### SECTION 6.

This regulation supersedes all previous policies and regulations of the Council relating to residency reclassification of students for tuition assessment purposed.



# FINANCIAL AID AND SCHOLARSHIPS

### APPLYING FOR FINANCIAL AID

### Fall and Spring Semesters

Administration of financial assistance is the responsibility of Kentucky State University's Student Financial Aid Office. Students and parents are urged to read the following information with particular care. Established University policies are strictly adhered to in both the award and termination of University financial assistance. Important federal guidelines must also be followed.

### New Freshmen and Transfer Students

Five specific steps must be followed before a freshman or transfer student may be officially considered for financial assistance:

- 1. Every applicant must be accepted on at least a halftime basis in an eligible degree or certificate program before being considered for financial assistance.
- The prospective student must submit official application materials for admission to the Office of Admissions.
- 3. Every applicant for financial assistance must complete a Free Application for Federal Student Aid (FAFSA) and an institutional application. These forms, together with instructions for their completion, may be obtained either from a high school counselor or directly from the University's Student Financial Aid Office. As early as possible in January or February, the FAFSA should be completed and mailed to the Federal Student Aid Programs, and the institutional application must be submitted to the University's Student Financial Aid Office no later than April 15.
- 4. Every applicant for financial assistance from the University must apply for a Federal Pell Grant. Application information will be sent automatically to the Federal Pell Grant Processor if the student checks "Yes" to the question on the FAFSA which asks: "Do you give the U.S. Department of Education permission to send information from this FAFSA to your state agency?"
- 5. If an applicant is selected for verification, he/she must submit copies of both the parents' and the student's most recent federal income tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the University's Student Financial Aid Office.

Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University. Transfer students are responsible for ensuring that a Financial Aid Transcript is forwarded to Kentucky State University from each college or university previously attended.

### **Continuing Students**

Three specific steps must be followed before a student already in attendance at the University may be officially considered for financial aid (either its initial award or its continuation):

- 1. Every applicant must complete a new Free Application for Federal Student Aid (FAFSA) and an institutional application *each year*. The \*FAFSA should be completed and returned to the Federal Student Aid Programs in early January or February, and the institutional application must be submitted to the University's Student Financial Aid Office, *no later than April 15*. These forms, together with instructions for their completion, may be obtained from the University's Student Financial Aid Office.
- 2. Every applicant for financial assistance from the University must apply for a Federal Pell Grant. Application information will be sent automatically to the Federal Pell Grant Processor if the student checks "Yes" to the question on the FAFSA which asks: "Do you give the U.S. Department of Education permission to send information from the FAFSA to your state agency?"
- 3. If an applicant is selected for verification, he/she must submit copies of both the parents' and the student's federal income tax returns. If a parent or student did not file a tax return, a Statement of Non-Tax Filing must be completed and submitted to the University's Student Financial Aid Office.

Each of the preceding steps must be completed before a student's application for financial assistance can be considered by the University.

### **Summer Sessions**

Students applying for financial aid for a summer session must submit two forms, the Free Application for Federal Student Aid (FAFSA) and the University's Financial Application. The following conditions apply:

- 1. If an FAFSA has been submitted for the immediately preceding academic year, a new FAFSA is not required in order to apply for financial aid for a summer session. Otherwise, a new FAFSA must be submitted *before February* 15.
- 2. A University Financial Aid Application must be submitted by every applicant seeking financial assistance before March 30 for a summer session.

### TYPES OF FINANCIAL AID

### College Access Program (CAP)

Students who are Kentucky residents may apply for a grant from the Commonwealth of Kentucky. They must complete a Free Application for Federal Student Aid (FAFSA) which is available from the University's Student Financial Aid Office. To receive this grant, students must answer "YES" to the state agency question on the FAFSA.

### Federal Pell Grant Program

The Federal Pell Grant Program is the largest federal student aid program available to undergraduate students. It provides gift assistance to eligible students and is the "foundation" of financial aid packaging. Student eligibility is based on financial need, which is determined through statutory formulas developed by the U.S. Congress. The Federal Pell Grant Processor will send a three- to five-part Student Aid Report (SAR) directly to the student. This SAR should be submitted by the student to the University's Student Financial Aid Office immediately upon receipt. The University's Student Financial Aid Office will calculate the amount of a student's Federal Pell Grant award based upon information contained on the SAR.

# Federal Supplemental Educational Opportunity Grants (SEOG)

The Federal Supplemental Educational Opportunity Grant (SEOG) is a form of gift assistance supplemental to the Federal Pell Grant. SEOG provides grant assistance to make available the benefits of postsecondary education to qualified students who demonstrate financial need. Applicants must complete the FAFSA to determine eligibility for this grant.

### Federal Perkins Loan Program

Kentucky State University provides loan assistance to eligible students who have established financial need. These loans carry an annual 5 percent simple interest charge, and the payment begins six or nine months after graduation or if the borrower ceases to be enrolled on at least a half-time basis. This is a federally funded, low-interest loan, and legal action will be taken if repayment is not made as agreed by the student. The FAFSA must be filed in order to determine eligibility for this loan.

# Federal Stafford Student Loan Program (formerly GSL)

This program provides low-interest educational loans through a bank, savings and loan association, credit union, or a Federal Stafford Student Loan agency in the student's state of legal residence. The student does not begin repayment on the loan until six months after graduation or withdrawal from the University. At that time, the annual interest on the loan will begin to accrue at a rate of 8 percent. These loans are also based on financial need. Information and application forms are available in the University's Student Financial Aid Office.

### Parent Loan for Undergraduate Students (PLUS)

Parent loans for undergraduate students are provided through a lending institution such as a bank, credit union, savings and loan association, or state lending agency. Parents may borrow up to the cost of attendance per year for each dependent child enrolled on at least a half-time basis. Repayment of a PLUS loan begins within 60 days of loan disbursement, and the interest rate for these loans is a maximum of 12 percent.

### Supplemental Loan for Students (SLS)

Self-supporting undergraduate and graduate students enrolled on at least a half-time basis are eligible for the Supplemental Loan for Students. This loan is provided through a lending institution such as a bank, credit union, savings and loan association, or state lending agency. Students may borrow up to \$4,000 per year. In most cases the borrower may defer repayment of both the principal and interest while enrolled. When interest of the SLS is deferred, the interest that would normally be paid is added to the principal. Otherwise the borrower would begin payment of the interest within 60 days of receiving the loan. This loan is not based on financial need.

### Federal Work-Study Program

The Federal Work-Study Program provides jobs for students who have established financial need through the U.S. Department of Education. This is completed by filing the FAFSA. Generally, work will be on-campus. Students are paid semi-monthly as work is completed.

### Part-Time Employment Program

Kentucky State University employs students under the Part-Time Employment Program for up to 30 hours per week. Information about this program may be obtained in the University' Student Financial Aid Office.

### Veterans' Benefits

Kentucky State University is an educational institution approved for training of veterans and other eligible persons. Students who wish to determine their eligibility for benefits under veterans' laws should contact either the Veterans Administration (1-800-829-2050) or the Office of Records and Registration.

### Waiver of Tuition and Fees for Senior Citizens

Any person sixty-five (65) years of age or older who is a resident of the Commonwealth of Kentucky and enrolls as a student at Kentucky State University shall have waived all tuition charges and fees. However, in the event that classes are full or the granting of free admission requires additional units, Kentucky State University may deny admission under this provision.

### Tuition Waiver for Survivors of Police Officers, Firefighters, or Volunteer Firefighters Killed or Totally Disabled in the Line of Duty

Any person whose parent or any non-married widow or widower whose spouse was a resident of the Commonwealth of Kentucky upon becoming a law enforcement officer, firefighter, or volunteer firefighter and who was killed while in the active service or training for active service or who died as a result of a service-connected disability shall not be required to pay any matriculation or tuition fee upon admission to Kentucky State University. Proof of such relationship must be established by documentary evidence.

A spouse (regardless of age) and any child above the age of seventeen (17) and under the age of twenty-three (23) of a permanently and totally disabled law enforcement officer, firefighter, or volunteer firefighter injured while in active service or in training for active service shall not be required to pay any matriculation or tuition fee upon his/her admission to Kentucky State University for a period not in excess of thirty-six (36) months in order to obtain a degree, nor in excess of the lesser number of months required for a degree. The disabled law enforcement officer must be rated permanently and totally disabled in accordance with statutory requirements. To entitle a spouse or child to benefits under this provision, the disabled law enforcement officer, firefighter, or volunteer firefighter shall have been a resident of the Commonwealth of Kentucky upon becoming a law enforcement officer, firefighter, or volunteer firefighter. Proof of such spousal or child relationship must be established by documentary evidence.

### Waiver of Tuition for War Orphans

Any person whose parent was killed while serving in the Armed Forces of the United States during war time, died as the result of a service-connected disability incurred while serving in the Armed Forces of the United States during war time, or is rated as 100% disabled for compensation purposes and is a resident of Kentucky may be eligible to receive the tuition waiver. Interested persons may contact the Department of Military Affairs, Kentucky Center for Veterans Affairs in Louisville, Kentucky.

# SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID RECIPIENTS

(This policy relates only to eligibility for Financial Aid, and is not applicable to academic standards.)

In accordance with the Higher Education Amendment changes of 1992 (Public Law 94-482), a student receiving federal financial aid must make "satisfactory academic progress" toward successful completion of degree requirements in order to continue receiving federal assistance.

At Kentucky State University the programs affected by the satisfactory academic progress requirements are the Federal Pell Grant, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work Study (FWS), Federal Perkins Loan, Federal Stafford Loan (formerly Guaranteed Student Loan), Unsubsidized Stafford Loan Program, Federal Parent Loan (PLUS), and the Federal Direct Loan Program. Students receiving aid from any of these programs must maintain satisfactory academic progress as outlined below or face being placed on financial aid probation, eventual denial of financial aid from these programs, or both.

### **Undergraduate Students**

To receive financial aid, satisfactory academic progress for a full-time student at Kentucky State University is defined as the completion of a minimum of 18 credit hours per year for the first two years (9 credit hours per semester) and 24 credit hours per year for the third, fourth, fifth, and sixth year (12 credit hours per semester) and maintaining the minimum grade-point average as outlined in the University policy.

Classification	Minimum GPA Required
Freshmen	1.8
Sophomore and	above 2.0

Full-time students are expected to complete degree requirements in not more than six years (12 semesters) of enrollment. Therefore, eligibility for financial aid from the federal programs listed above vary depending on the types of aid received. Students enrolled less than full-time (that is, half-time or three-quarters time) must complete a proportionate number of hours each year to maintain satisfactory academic progress.

It is the student's responsibility to notify the Office of Student Financial Aid of the successful fulfillment of requirements. Receipt of aid is contingent upon funds available at the time of request. A student's academic progress will be evaluated on an annual basis.

The Office of Student Financial Aid cannot award financial aid to a student who has been suspended by the University. If a student who has financial aid is suspended, the unused portion of the award will be cancelled.

If the student is reinstated to the University and has applied for financial aid, he or she will be considered eligible for aid when the requirements of the satisfactory academic progress policy are met. Receipt of financial aid is under the control of the University and is contingent upon the availability of funds at the time of the request.

### Special Conditions

- 1. INCOMPLETES (I Grade) will not count toward progress until such time as the I grade is removed. At that time, hours completed will count for the period of original registration.
- WITHDRAWALS (W Grade) will not count toward progress but will be used for measuring lack of satisfactory academic progress.
- COURSE REPETITIONS will count toward progress without penalty. Hours completed through course repetition will be used to replace hours and for computation of GPA, but will not extend the six-year maximum time frame for full-time students.
- REMEDIAL COURSES will count toward progress without penalty but will not extend the six-year maximum time frame for full-time students.

### Financial Aid Probation

A student who fails to maintain satisfactory academic progress at the end of the academic year will be placed on financial aid probation for the subsequent year. However, a student will be eligible for financial aid during the probationary year. Lack of satisfactory academic progress during this probationary year, however, will result in denial of aid for the following year, or until satisfactory progress is demonstrated.

### **Graduate Students**

A full-time graduate student is required to enroll in and successfully complete a minimum of 16 non-repeated semester credit hours per academic year; three-quarter-time students must complete a minimum of 12 semester credit hours; and half-time students must complete a minimum of 8 semester credit hours.

### Aid for Part of a Semester

If a student receives financial aid for any part of a semester, that semester will count as a complete semester of aid. Incompletes and withdrawals will not be counted as meeting minimum course requirements.

### Review

Completed semester credit hours and grade-point averages will be reviewed annually at the end of the spring semester.

## Re-establishing Satisfactory Academic Progress

Students may re-establish satisfactory academic progress by either of the following methods:

- 1. Improving their semester credit hours and cumulative grade-point average to meet the required Satisfactory Academic Progress standards during any subsequent period (semester or summer session) of enrollment; or
- 2. Successfully appealing to the Student Financial Aid Committee.

### **Exceptions**

The satisfactory progress requirements are waived for one academic year for students who have not enrolled at Kentucky State University for one academic year. Students attending summer session to re-establish eligibility may be granted financial aid.

### Notification of Withdrawal of Aid

Any student receiving financial aid who does not meet the satisfactory progress requirements and whose aid must be withdrawn will be given written notice.

### Right of Appeal

Any student whose financial aid has been terminated may submit a written appeal to the Student Financial Aid Committee explaining why satisfactory progress was not maintained and giving any reasons why aid should not be terminated.

Appeals may be made on the basis of:

- 1. Extended illness or hospitalization of the student;
- Death or extended illness of a member of the student's immediate family; or
- 3. Any mitigating circumstances which prevented the student from complying with the requirements for maintaining satisfactory academic progress.

All appeals must be submitted to the Student Financial Aid Committee within two weeks from the date the student receives notification that his/her financial aid has been terminated. The Committee's decision is final.

### INSTITUTIONAL SCHOLARSHIP POLICIES

The University offers a variety of academic and non-academic scholarships for both freshmen and continuing students. Details of these scholarships are provided below. Interested students should contact the University's Office of Student Financial Aid or the Chairperson of the Institutional and External Scholarships, Awards, and Prizes Committee (Scholarship Committee) for appropriate application materials.

Institutional scholarships are monitored by the University's Scholarship Committee. Meetings will normally be convened by the committee chairperson on a monthly basis as scholarship applications are received and files are completed. Notifying scholarship candidates of their status will be initiated no later than three (3) working days after the committee's decision. The committee is charged with responsibility for conducting an ongoing review of scholarship policies and fees and monitoring the awarding of all institutional scholarships for compliance with university regulations.

### Academic Scholarship Policy

All academic scholarship programs administered by Kentucky State University are governed by the following policies:

- 1. The University will maintain scholarship programs of financial assistance.
- 2. All academic scholarship awards shall be processed by the Office of Student Financial Aid for compliance with university policies.
- Guidelines and procedures for scholarships shall be recommended by academic units, schools, and/or colleges and submitted to the Scholarship Committee for review and submission to the Cabinet for recommendation and final submission to the President for approval.
- 4. All academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
- 5. Each academic scholarship candidate must have at the time of award no less than a 2.0 cumulative grade-point average on a 4.0 scale. Individual scholarship programs may require higher academic gradepoint averages and/or test scores.
- 6. Each full-time academic scholarship recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Renewal requirements for individual scholarships may be more stringent.

- 7. Each part-time academic scholarship recipient must successfully complete a minimum 50% of the fulltime requirements. Renewal requirements for individual scholarships may be more stringent.
- 8. Scholarship awards may be discontinued or terminated if the recipient fails to meet the requirements outlined for renewal in the Kentucky State University Institutional Scholarship Policy and/or the criteria stated for the specific scholarship. It is the student's responsibility to monitor his/her own academic progress and to comply with the stated criteria for renewal.
- 9. The Office of Student Financial Aid will send r. tification of termination of scholarship award at such time that it is verified that the award recipient fails to meet the qualifications for the award. The Office of Student Financial Aid will review the progress of each award recipient at the end of each semester to determine eligibility for renewal or necessity for termination.
- 10. Award recipients will not be eligible for scholarship awards for the semester(s) during which they participate in University coordinated co-op training if they are being paid by an outside source for the training. The Office of Student Financial Aid must be notified in writing by the student of the intent to participate in co-op training as early as possible and no later than two weeks before the semester in which the co-op training will occur.
- 11. Students who do not meet the minimum criteria for renewal may appeal to the Scholarship Committee if there are extenuating circumstances beyond the control of the student, such as the death of a family member, illness of student or immediate family member, or other documented evidence of mental or physical hardship. Appeals must be received within two weeks after receipt of notification. A student may also apply under this policy to attend summer school in an attempt to meet minimum criteria for renewal; these appeals must be made within five days of receipt of spring semester grades. Scholarship money will not be awarded for summer school for these students.
- 12. Scholarship awards will be credited to the student's account upon enrollment and finalization of the award. For annual awards, one-half of the award will be disbursed at the fall semester registration and one-half the at spring semester registration. Unless otherwise stated in the description of the scholarship, summer scholarship awards are not available.

### TYPES OF ACADEMIC SCHOLARSHIPS

### Presidential Scholarships

Presidential Scholarships are based on demonstrated academic achievement in high school and are renewable based on continued academic progress at the University.

### Minimum Eligibility Criteria for Initial Award

- 1. New first-time Freshman classification;
- 2. Grade-point average of at least 3.0 (on 4.0 scale); and
- 3. Enhanced ACT composite score of 21 or above (or 19 or above on a previous edition of the ACT), or Scholastic Aptitude Test equivalent.

An applicant who is a valedictorian or a salutatorian of his/her high school graduating class will automatically qualify for the Presidential Scholarship award. The student, however, must apply for the scholarship.

Consideration may also be given to applicants if high school coursework reflects a college preparatory curriculum and letters of recommendation are written on behalf of the applicant by the high school counselor and at least two high school teachers who are familiar with the applicant's ability.

### Types, Criteria, and Value of Awards

The maximum amount available for a full Presidential Scholarship is the sum of tuition, room, board, and a maximum of \$600 for books for the academic year. Partial Presidential Scholarships and scholarships for tuition only are also available. An award that includes room and board will be made only to a student who resides in University housing. The types of award, criteria for awards, and value of the awards are as follows:

Criteria	value
Minimum Enhanced ACT composite score of 26 (or 25 on a previous edition of the ACT/or SAT equivalent) and a minimum GPA of 3.5 (on a 4.0 scale)	Tuition, room, board, and books
Minimum Enhanced ACT composite score of 24 (or 23 on a previous edition of the ACT/or SAT equivalent and a minimum GPA of 3.25 (on a 4.0 scale)	Tuition, plus one- half of room and board
Minimum Enhanced ACT composite score of 21 (or 19 on a previous edition of the ACT/or SAT equivalent and a minimum GPA of 3.0 (on a 4.0 scale)	Tuition
	Minimum Enhanced ACT composite score of 26 (or 25 on a previous edition of the ACT/or SAT equivalent) and a minimum GPA of 3.5 (on a 4.0 scale)  Minimum Enhanced ACT composite score of 24 (or 23 on a previous edition of the ACT/or SAT equivalent and a minimum GPA of 3.25 (on a 4.0 scale)  Minimum Enhanced ACT composite score of 21 (or 19 on a previous edition of the ACT/or SAT equivalent and a minimum GPA of 3.0 (on

Exceptions may be made on the basis of recommendations by the Scholarship Committee and upon approval by the President of the University.

### Required Credentials

- 1. Application for Admission;
- 2. Official high school transcript(s);
- 3. Official American College Test (ACT) or Scholastic Aptitude Test (SAT) scores;
- 4. Letters of recommendation, if available; and
- 5. Application for Scholarship.

### Selection Procedures and Notification

The selection of students to receive Presidential Scholarships will be made by the Scholarship Committee. Students who meet all the criteria stated above may be offered an award at such time as their credentials are verified as accurate and meeting the stated criteria.

### Application Deadlines

Students should apply early for a Presidential Scholarship by submitting the credentials listed above no later than April 15 for the academic year beginning the following August.

### Renewal of Awards

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress:

1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year. 2. The amount of renewal will be according to the following rate:

3.50—4.00 GPA	100% of Initial Award
3.25—3.49 GPA	75% of Initial Award
3.00—3.24 GPA	50% of Initial Award
Below 3.00 GPA	0% of Initial Award

3. Presidential Scholarships are not awarded for more than four years.

### Service County General Scholarships

Service County General Scholarships were established by Kentucky State University in recognition of the University's obligation to students within Franklin and surrounding counties.

### Eligibility Criteria

The recipients of these scholarships will be:

- 1. Residents of Anderson, Franklin, Henry, Owen, Scott, Shelby, and Woodford Counties;
- 2. First-time freshmen with a minimum high school GPA of 3.0; and
- Students who plan to enroll full-time at Kentucky State University.

### Apportionment

The scholarships are apportioned among school districts as follows:

Anderson County	3
Franklin County	5
Frankfort Independent	1
Henry County	3
Eminence Independent	1
Owen County	4
Scott County	4
Shelby County	4
Woodford County	4

### Value of Award

Each scholarship recipient will be awarded a full scholarship to cover tuition, room, board, and books.

### Selection Procedures and Notification

Student recipients will be selected through a process established by the appropriate School District Superintendent. Scholarship recipients will be announced at local school district commencement exercises or honors programs by a representative from Kentucky State University. Awards will be made on an annual basis.

### Selection Deadline

All names of students selected to receive scholarships must be submitted to the Kentucky State University Office of Student Financial Aid on or before April 15.

FINANCIAL AID AND SCHOLARSHIPS

### Renewal of Awards

Scholarships will be renewed at a 100% rate if the student maintains at least a 3.0 grade-point average on a 4.0 scale. Scholarships will be renewed at a 50% level if the student maintains between a 2.5-2.99 GPA on a 4.0 scale. To qualify for renewal, the student must enroll for and complete a minimum of 30 semester hours each academic year. Service County Scholarships are not awarded for more than four years.

### Academic Achievement Scholarships

Academic Achievement Scholarships are based on demonstrated academic achievement at Kentucky State University and are renewable based on continued academic progress at the University.

### Minimum Eligibility Criteria for Initial Award

- 1. Sophomore or junior classification;
- 2. Grade-point average of at least 3.0;
- 3. Full-time classification (15 semester credit hours or more for purposes of these guidelines); and
- 4. Completed Application for Scholarship.

### Types, Criteria, and Value of Awards

The maximum amount available for a full Academic Achievement Scholarship award will be the sum of tuition, room, board, and a maximum of \$500 for books for the academic year. Partial Academic Achievement Scholarships and scholarships for tuition only are also available. An award that includes room and board will be made only to a student who resides in University housing.

Type	Criteria	Value
Full s their	3.5 (on 4.0 scale)	Tuition, room, board, and books
Partial	3.2 (on 4.0 scale)	Tuition and one- half room and board
Tuition	3.0 (on 4.0 scale)	Tuition

Exceptions may be made on the basis of recommendations by the Scholarship Committee and upon approval by the President of the University.

Selection Procedures and Notification

The selection of students to receive an Academic Achievement Scholarship will be made by the Scholarship Committee.

### Application Deadlines

Students should apply early for the Academic Achievement Scholarship by submitting an Application for Scholarship *no later than April* 15.

### Renewal of Awards

Awards under this program are renewable each academic year provided the student maintains the following academic progress:

- Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
- 2. The amount of renewal will be according to the following rate:

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3.50—4.00 GPA	100% of Initial Award
3.25—3.49 GPA	75% of Initial Award
3.00—3.24 GPA	50% of Initial Award
Below 3.00 GPA	0% of Initial Award

### Commonwealth Scholars Program

The Council on Higher Education, in cooperation with Kentucky's electrical cooperatives, offers Commonwealth Scholarships to academically talented students.

### Eligibility Criteria

- 1. Be a full-time student and a Kentucky resident;
- 2. Rank in the top 10 percent of the graduating class in high school;
- 3. Have a minimum grade-point average of 3.2; and
- 4. Have participated in at least three extra-curricular activities.

### Value of Award

Each Commonwealth Scholar will be awarded a full scholarship to cover tuition, room, board, and books.

### Selection Procedure and Notification

The selection of students to receive an Academic Achievement Scholarship will be made by the Scholarship Committee.

### Application Deadline

Students should apply early for a Commonwealth Scholar award by submitting an Application for Scholarship by *no later than April 15.* 

### Renewal of Awards

Awards under this program are renewable each academic year for a total of four years plus two summer sessions, provided the student enrolls for and completes a minimum of 30 semester hours and maintains at least a 3.0 cumulative grade-point average each academic year.

### Thurgood Marshall Scholarship

The Thurgood Marshall Scholarship Fund is designed to offer outstanding entering freshmen an opportunity to matriculate at one of the 37 historically black public colleges and universities in the nation.

### Minimum Eligibility Criteria for Initial Award

- 1. Be a U.S. Citizen;
- 2. Be a new first-time freshman;
- 3. Be a full-time student pursuing a bachelor's degree in any discipline and maintain full-time status for the duration of the scholarship;
- 4. Have a high school grade-point average of at least 3.0 (on 4.0 scale);
- 5. Have a score of 24 or more on the Enhanced ACT or a combined verbal/math score of 1000 or more on the Scholastic Aptitude Test (SAT); and
- Be recognized by the high school as exceptional academically or outstanding in creative or performing arts.

### Value of the Award

\$4,000 annually for four years

### Required Credentials

- Completed Application for Admission to Kentucky State University;
- 2. Kentucky State University Application for Scholarship; and
- Thurgood Marshall Fund Application for Scholarship (includes an essay by the applicant indicating interest in the Thurgood Marshall Scholarship, financial aid information, and a letter of reference from the student's high school).

### Selection Procedures and Notification

The nomination of a Thurgood Marshall Scholar will be made by the Scholarship Committee after reviewing completed application materials and credentials. The selected student will be notified of his or her nomination by the Scholarship Committee and at that time will finalize all materials required by the Thurgood Marshall Scholarship Fund. The Scholarship Committee shall forward the committee's nomination to the President for final approval.

### Application Deadline

Students should apply early for the Thurgood Marshall Scholarship by submitting the credentials necessary for admission to the University and a completed Application for Scholarship by *no later than April 15*. Eligible students will be asked to complete the Thurgood Marshall Fund Application for Scholarship by the beginning of the academic year the following August.

### Renewal of Award

The Thurgood Marshall Scholarship is renewable annually for four years, provided the student maintains a GPA of 2.5 each semester. To qualify for renewal, the student must enroll for and complete a minimum of 30 semester hours each academic year.

### USDA/1890 National Scholars Program

Kentucky State University is a participating university in the United States Department of Agriculture's National Scholars Program for 1890 Land Grant Institutions. This program awards scholarships to academically talented students who wish to major in subjects in a field of study related to agriculture, food, nutrition, and natural resource sciences at an 1890 Land Grant Institution. Several programs at Kentucky State University (including programs in applied human sciences, biology, business, chemistry, computer sciences, engineering, and preveterinary medicine) qualify as approved disciplines for the purposes of this program.

### Eligibility Criteria for Initial Award

- 1. Be a U.S. Citizen;
- 2. Be an entering freshman accepted at Kentucky State University;
- 3. Be a full-time student intending to pursue a bachelor's degree in any discipline related to agriculture, food, or natural resources sciences;
- 4. Have a high school grade-point average of at least 3.0 (on 4.0 scale);
- 5. Have a score of 21 or more on the Enhanced ACT or a combined verbal/math score of 1000 or more on the Scholastic Aptitude Test (SAT); and
- 6. Demonstrate leadership, community service, and potential to be successful.

### Value of Award

Each scholarship recipient will be awarded a full scholarship for tuition, room, board, and books. In addition, students receive a personal computer and software for use while at the University. Students are provided an initial summer orientation prior to the first year of college and must maintain a cooperative education

employment status with USDA during the scholarship period.

### Work Obligation

Upon completion of the scholar's academic degree program there is an obligation of one year of service to the U.S. Department of Agriculture for each year of financial support.

### Selection Procedure and Notification

Students must complete an application form and have his or her high school principal or teacher complete a secondary school report form. These forms are available from the USDA liaison for Land Grant Programs, Kentucky State University, or from the Office of Student Financial Aid. Completed forms are mailed to Kentucky State University according to the instructions included in the application materials.

### Application Deadline

All application materials must be postmarked *no later* than February 1.

### Renewal of Awards

Scholarships will be renewed at a 100% rate provided the student maintains full-time status in an approved discipline and a grade-point average of 3.0 or better. To qualify for renewal, the student must enroll for and complete a minimum of 30 semester hours each academic year. The total scholarship award is for no more than four years.

### Art Scholarships

Art Scholarships are given to students with demonstrated talent in the visual arts who intend to major in Studio Art or Art Education.

### Eligibility Criteria

- 1. Present a portfolio;
- 2. Receive recommendation of a member of the art faculty;
- 3. Possess a minimum 3.0 GPA (on a 4.0 scale) in high school art classes; and
- 4. Major in Studio Art or Art Education.

### Value of Award

\$1,000

### Selection Procedures and Notification

The selection of students to receive Art Scholarships will be made by the Art Area Faculty. Names of selected students must be submitted to the Scholarship Committee for review and will be forwarded to the Office of Student Financial Aid for final approval.

Application Deadline

Students should apply early for an art scholarship by submitting an Application for Scholarship by *no later than April* 15.

Renewal of Awards

Art Scholarships are renewable. Students must complete a minimum of 24 semester credit hours each academic year, must meet the eligibility requirements stated above, and must possess a minimum GPA of 3.0 in college art classes.

### KHEAA Teacher Scholarship Program

The Kentucky Higher Education Assistance Authority offers a Teacher Scholarship Program to attract and encourage academically talented students to become certified Kentucky teachers rendering teaching service in Kentucky.

Eligibility Criteria

- 1. Be a Kentucky resident;
- 2. Be enrolled or accepted for enrollment as a full-time student;
- 3. Be a Kentucky high school graduate or college student who ranks in the top 20% of the high school class, or score at or above the eightieth percentile on the ACT, or have a recommendation from an academic course high school teacher who states that the applicant is capable of performance at a level necessary to qualify for entry into a teacher education program;
- 4. For students with earned college credits, have a GPA of 2.5 or better; and
- 5. Intend to follow a program leading to certification as a Kentucky teacher.

Value of Award

Up to \$5000 per academic year and \$1250 per summer session, less other financial aid received. The total value over the student's college career cannot exceed \$20,000.

Selection Procedure and Notification

Students must obtain an application from the high school counselor, the KHEAA, or the Kentucky State University Division of Education and Human Services. Applicants will be considered and awarded in the following order until funds are depleted: renewals, certified teachers seeking recertification in a critical shortage area, and initial applicants (high school seniors and college students). Initial applicants are scored as follows: rank in high school class (30%), high school GPA (40%), and ACT score (30%).

Application Deadline

The completed application and all required documents must be received by KHEAA on or before the date specified in the application. (For 1994, the date was May 20.)

Teaching Service Obligation

Recipients are required to sign promissory notes for each scholarship check they receive. Recipients must provide qualified teaching service for each semester or summer session award they receive in order to have a promissory note cancelled. Recipients who do not complete a teacher education program and/or who do not render qualified teaching service must repay the scholarship with interest.

Renewal of Award

This scholarship is renewable for students who remain in continuous full-time enrollment in an eligible program, have a cumulative GPA of 2.5 or better, and are making satisfactory academic progress. Students must reapply and must declare continued intent to render qualified service as a Kentucky teacher.

### KDE Teacher Education Minority Scholarship

This scholarship is awarded to minority students by the Kentucky Department of Education (KDE).

Eligibility Criteria

Minority applicants must be Kentucky residents pursuing degree programs leading to teacher certification.

Value of Award

\$500-\$1000 per year. The amount of the award is based on academic potential as established by the applicant's potential, institutional cost, and the availability of funds.

Selection Procedure and Notification

Application forms are available from the Division of Education and Human Services. Applicants must provide a thoughtful typewritten essay (500 words minimum) on "Why I Plan to Become a Teacher." The Chairperson of the Division of Education and Human Services makes the selection of scholarship recipients and is responsible for notifying applicants.

Application Deadline

Application deadlines for each semester are available from the Chairperson of the Division of Education and Human Services.

Renewal of Award

Awards are renewable. Continuing students must have a cumulative GPA of 2.5 or better and must complete 15 semester credit hours each semester.

# Kentucky Transportation Cabinet Civil Engineering Scholarship Program

The Kentucky Transportation Cabinet will award scholarships to Kentucky high school graduates who wish to pursue a degree in civil engineering through Kentucky State University's double degree engineering program with the University of Kentucky.

Eligibility Criteria

- 1. Be a Kentucky resident;
- 2. Be admitted or accepted for admission as a full-time student at Kentucky State University;
- 3. Have an admissions index of 430 or higher and meet all Pre-College Curriculum requirements;
- 4. Submit two letters of recommendation from individuals listed in the scholarship application;
- For students with earned college credits, have a GPA which meets renewal criteria; and
- Intend to follow a program leading to a degree in civil engineering in the double degree program sponsored by Kentucky State University and the University of Kentucky.

Value of Award

Up to \$4,230 per academic year depending on classification. Students on this scholarship are also offered summer employment with the Transportation Cabinet.

Selection Procedure and Notification

Students must obtain a Transportation Cabinet Civil Engineering Scholarship application from the Kentucky State University Division of Mathematics and Sciences. Selection is made on a state-wide, competitive basis. Nominations are made by the Mathematics and Sciences Scholarship Committee on the basis of scholastic standings and, in the case of freshmen, recommendations and ACT scores.

Application Deadline

The completed application and all required documents must be received by the Division of Mathematics and Sciences by *no later than March* 1.

Disbursement

Students receive a stipend check directly from the Transportation Cabinet at the beginning of each semester for one-half of the yearly award amount; students are then responsible for paying their fees at the University. Stipend payments and payments for summer employment are subject to normal payroll deductions.

Work Obligation

Recipients are required to sign a contract agreeing to work full time for the Transportation Cabinet immediately after graduation for at least one year for each school year he/she is on scholarship; students who do not complete contract agreements will be required to pay back scholarship funds, with interest, as if the funds were a loan. The Kentucky Transportation Cabinet will provide summer employment for scholarship students so long as they make normal progress in their University work and prove satisfactory in summer work.

Renewal of Award

The period of initial award is for the fall semester only but will be extended for the spring semester if satisfactory progress is made. All scholarship students must reapply for renewal of their scholarships during the spring semester at a time to be announced by the Transportation Cabinet. A student who does not make normal progress toward a degree or who does not maintain satisfactory academic standards may be dropped from the scholarship program but may re-apply when the deficiencies are corrected. Freshmen are expected to achieve at least a 2.0 GPA after the first semester. Sophomores must maintain at least a 2.2 and juniors at least a 2.5 cumulative GPA. The award is renewable for a total of five years (the time required to complete the double degree program, according to the curriculum for the program).

### Mathematics and Sciences Scholarships

The Division of Mathematics and Sciences administers grade-based scholarships for new and continuing students majoring in applied mathematics (preengineering), biology (with or without teacher certification), chemistry, clinical laboratory sciences, and mathematics (with or without teacher certification).

Eligibility Criteria

Students must major in one of the degree programs offered through the Division of Mathematics and Sciences, must be a full time student (minimum of 12 semester credit hours each semester), and must have a cumulative grade-point average of 3.0 or above (on a 4.0 scale). Additional credentials required are stated in the application form for this scholarship.

Value of Award

\$400-\$1,300 per semester.

Selection Procedures and Notification

Students must apply for the Mathematics and Sciences Scholarships using an application available from the Division of Mathematics and Sciences. The amount of the scholarship awarded depends on the student's cumulative grade-point average, total earned hours, and credit hours earned in math and science courses taken at Kentucky State University. Applicants are ranked by grade-point average, and scholarships are allocated accordingly until available funds are expended. Once the selection process is complete, applicants are notified by mail by the Division of Mathematics and Sciences.

### Application Deadline

Applications must be filed *each semester* with the Chairperson of the Division of Mathematics and Sciences. Applications for fall semester scholarships must be received by June 15; applications for spring semester scholarships must be received *by December 20.* 

### Renewal of Awards

Mathematics and Sciences scholarships are potentially renewable each semester. The award of a scholarship for one semester does not guarantee renewal for subsequent semesters. Students must apply for the scholarships each semester. Each semester, awards are based on the academic ranking of the entire pool of applicants.

### Louisville/Lexington Black Achievers Scholarships

### Eligibility Criteria

The recipients of these scholarships will be:

- 1. Participants in the Black Achievers Program;
- 2. First-time freshmen with a minimum high school GPA of 3.0 and minimum Enhanced ACT composite score of 21 (or 19 on a previous edition of the ACT/or SAT equivalent); and
- Students who plan to enroll full-time at Kentucky State University.

### Apportionment

The scholarships are apportioned as follows:

Lexington	4
Louisville	4

### Value of Award

Each scholarship recipient will be awarded a full scholarship to cover tuition, room, board, and books.

### Selection Procedures and Notification

Student recipients will be selected through a process established by the appropriate organization. Scholarship recipients will be announced at local programs by a representative from Kentucky State University. Awards will be made on an annual basis.

### Selection Deadline

All names of students selected to receive scholarships must be submitted to the Kentucky State University Office of Student Financial Aid *on or before April* 15.

### Renewal of Awards

Scholarships will be renewed at a 100% rate if the student maintains at least a 3.0 grade-point average on a 4.0 scale. Scholarships will be renewed at a 50% level if the student maintains between a 2.5—2.99 GPA on a 4.0 scale. To qualify for renewal, the student must enroll for and complete a minimum of 30 semester hours each academic year.

### Coleman Young Scholarships

### Eligibility Criteria

The recipients of these scholarships will be:

- 1. Participants in the Coleman Young Scholarship Foundation;
- 2. First-time freshmen with a minimum high school GPA of 3.0 and minimum Enhanced ACT composite score of 21 (or 19 on a previous edition of the ACT/or SAT equivalent); and
- 3. Students who plan to enroll full-time at Kentucky State University.

### Value of Award

Each recipient will be awarded full tuition.

### Selection Procedures and Notification

Two student recipients will be selected by the Coleman Young Foundation. Scholarship recipients will be announced at local programs by a representative from Kentucky State University. Awards will be made on an annual basis.

### Selection Deadline

All names of students selected to receive scholarships must be submitted to the Kentucky State University Office of Student Financial Aid *by April 15*.

### Renewal of Awards

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress:

1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.

2. The amount of renewal will be according to the following rate:

2.50, 4.00 CPA	100% of Award
3.50—4.00 GPA	
3.25—3.49 GPA	75% of Award
3.00—3.24 GPA	50% of Award
Below 3.00 GPA	0% of Award

3. Coleman Young Scholarships are not awarded for more than four years.

### South African Education Scholars Program

This program is designed to provide educational opportunities for legally disadvantaged South Africans through scholarship assistance.

### Eligibility Criteria

The recipients of this scholarship will be:

- 1. A legally disadvantaged resident of South Africa; and
- 2. A participant of the Institute of International Education's South African Education Program.

### Value of Award

The recipient will be awarded a full scholarship to cover tuition, room, board, and books.

### Selection Procedures and Notification

The recipient will be selected through a process established by the institution.

### Selection Deadline

The name of the student selected to receive the scholarship must be submitted to the Kentucky State University Office of Student Financial Aid *on or before April* 15.

### Renewal of Awards

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress:

- 1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
- 2. The amount of renewal will be according to the following rate:

)%	of	Award
%	of	Award
)%	of	Award
)%	of	Award
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South African Education Scholarships are not awarded for more than four years.

### Micro City Government Scholarships

### Eligibility Criteria

The recipients of this scholarship will be:

- 1. Participants in Micro City Government;
- 2. First-time freshman with a minimum GPA of 3.0; and
- 3. Students who plan to enroll full-time at Kentucky State University.

### Value of Award

Each scholarship recipient will be awarded a scholarship to cover full tuition and activity fee.

### Selection Procedures and Notification

Student recipients will be selected through a process established by the appropriate organization. Scholarship recipients will be announced at local programs by a representative from Kentucky State University. Awards will be made on an annual basis.

### Selection Deadline

All names of students selected to receive scholarships must be submitted to the Kentucky State University Office of Student Financial Aid *on or before April* 15.

### Renewal of Awards

Awards under this program are renewable each academic year provided the student maintains the following minimum academic progress:

- 1. Enrolls for and completes a minimum of 30 semester hours each academic year and maintains at least a 3.0 cumulative grade-point average each academic year.
- 2. The amount of renewal will be according to the following rate:

3.50-4.00 GPA	100% of Award
3.25—3.49 GPA	75% of Award
3.00—3.24 GPA	50% of Award
Below 3.00 GPA	0% of Award

3. Micro City Government Scholarships are not awarded for more than four years.

### Other Academic Scholarships and Awards

A number of academic scholarships and awards are provided to students through various academic units on campus or through the Kentucky State University Foundation. Students must meet the qualifications specified by the donors of the scholarship or award. Amounts available from these scholarships and awards vary. Selection procedures for recipients vary with the scholarship or award. In some cases, a student must apply for the scholarship in order to be eligible. In other cases, the scholarship or award is a prize given to a student selected by the faculty of an academic program.

Students who believe they may be eligible for one or more of these scholarships or awards should contact the Office of Student Financial Aid or the specified academic unit for more information on eligibility, application, deadlines, and selection procedures. A brief summary of these scholarships and awards is arranged below by category.

### Scholarships and Awards by Major, Degree Program, or Other Academic Activity

### **Business:**

The *Dr. Namin Saxena Scholarship* is awarded to a second-semester junior business major with the highest GPA (minimum GPA required is at least 3.25).

The Arther Anderson & Co. Scholarships are awarded to one male and one female accounting major in the second semester of the junior year for use in the senior year. Minimum grade-point average requirements are a 3.25 in accounting courses and a 3.0 in all coursework.

### **Computer Sciences:**

The Wood Taylor Memorial Scholarship is awarded to a student who has completed the first full year of academic requirements for either the associate or the baccalaureate degree in Computer Science.

### **Health Professions:**

The Patricia Bryant Memorial Scholarship is awarded to a nursing student who graduated from a high school in Franklin County, Kentucky.

The Kentucky College of Medicine Scholarship is awarded to qualified junior students interested in attending medical school whose credentials indicate likely acceptance into medical school and who are in need of financial assistance.

The B.T. Holmes Memorial Book Scholarship is awarded to a student, preferably African-American, who has specified an interest in becoming a physician or other health professional and who has a grade-point average of 2.7 or above.

### History/Political Science:

The Henry E. Cheaney Endowed Scholarship is awarded to a full-time student with a declared major in history or political science and with at lease a "B" grade-point average.

#### **Humanities:**

The William R. and Taylor Ratliff Memorial Award is for a Kentucky resident majoring or planning to major in an area in the humanities and who possesses a grade-point average of 3.0 or better.

#### Music:

The Mary E. Gill Endowed Scholarship is awarded to an entering sophomore concert choir member who plans to teach or enter the ministry and who has a minimum C+grade average. The student must be a Kentucky resident; preference is given to members of First Baptist Church of Versailles, Kentucky, or a resident of Woodford County, Kentucky.

The Florence Gazaway Memorial Scholarship is given to a black student who is majoring in music and who exhibits high personal qualities.

The Mary J. Robb Memorial Scholarship Fund provides an award to a student who has a major or minor in music and who demonstrates choral and/or keyboard proficiency.

The Mary E. Hill Memorial Scholarship Fund provides an award to a junior or senior student who is majoring in music, biology, chemistry, or physics. The student must have an overall grade-point average of at least 2.7 and a cumulative grade-point average of 3.0 or better in the major field.

The *Thelma N. Johnson Music Award* is for a music student whose major interest is in piano. The student must have outstanding character, exemplify versatility in the performing area, and have scholastic standing that is at least average.

The Anna Margaret Garrison Riggins Vocal Music Scholarship is awarded to a black student who participates or plans to major in vocal music and participate in the concert choir.

Additional scholarships awarded by the Music Area are described in the non-academic scholarship section.

### Natural Sciences and Applied Mathematics:

Pre-Engineering Scholarships: Students enrolled in the pre-engineering program sponsored jointly by Kentucky State University and the University of Kentucky, University of Maryland at College Park, or Vanderbilt University may be eligible for scholarships provided to qualified

candidates by a number of local business or corporate organizations and state government. These awards are made available by Ashland Oil Company, Brighton Engineering Company, Eagle Steel, and Square D Company. These scholarships range in amount from small stipends to support for tuition and books. Contact the Division of Mathematics and Sciences for application procedures.

The Mary E. Hill Memorial Scholarship Fund provides an award to a junior or senior student who is majoring in biology, chemistry, physics, or music. The student must have an overall grade-point average of at least 2.7 and a cumulative grade-point average of 3.0 or better in the major field.

The Lloyd E. Alexander Biology Award is awarded to the outstanding biology major with senior standing.

Additional scholarships awarded by the Division of Mathematics and Sciences are described earlier in this academic scholarship section.

### Sociology/Social Work:

The A.W. Wright Scholarship is awarded to a junior or senior sociology or social work major with a cumulative grade-point average which demonstrates academic success.

### **Teacher Education**

The *L*, *G*, & *E Aurealia Eaves Memorial Scholarship* is awarded to an African-American from Jefferson County, Kentucky who is a full-time student majoring in teacher education with a GPA of 2.5 or better.

### Scholarships and Awards by Place of Residence

The M. & G. Bard Endowed Scholarship is for a resident of Muhlenberg County, Kentucky who is a full-time student with demonstrated academic, social, and leadership skills.

The *Patricia Bryant Memorial Scholarship* is for a graduate of a high school in Franklin County who enrolls as a nursing student.

The *Joe and Lena Burse Memorial Scholarship* is for a resident of Christian County, Kentucky who demonstrates financial need and exhibits academic, social, and leadership skills.

The L, G, & E Aurealia Eaves Memorial Scholarship is awarded to an African-American from Jefferson County, Kentucky who is a full-time student majoring in teacher education with a GPA of 2.5 or better.

The *Viola Gilmore Scholarship* is for a resident of Dayton, Ohio who is worthy and needy.

The Lillie V. Givens Scholarship is for a resident of Bowling Green, Kentucky; Cynthiana, Kentucky; or Anderson, Indiana.

The Henry Lambert Memorial Scholarship is for a resident of Mobile, Alabama or Monroe County, Alabama who is a full-time student with demonstrated academic, social, and leadership skills.

The E.O. Robinson Mountain Fund is for an unmarried resident of one of Eastern Kentucky's mountain counties who demonstrates financial need and shows evidence of ability to perform academically.

The Frank and Estelle Simpson Scholarship is for a resident of Christian, Jefferson, or Todd County, Kentucky, with outstanding character.

The Oakley Watkins Memorial Scholarship (Frankfort Lions Club) is for a resident of Franklin County, Kentucky with visual impairments.

### Other Scholarships

Part-time Student Scholarships: Part-time students enrolled in the University through its Office of Community Programs may be eligible for tuition reductions based on academic performance or other scholarship assistance. Further information is in the Community Program section of this Catalogue and available from the Office of Community Programs.

The Rufus B. Atwood Endowed Scholarship is awarded to a full-time student entering the final year of undergraduate study in one of the University's baccalaureate degree programs. The student must have a grade-point average of 3.5 or better and have participated in extracurricular activities.

The Robert C. and Anna B. Davis Endowed Scholarship is awarded to a black student with outstanding character and demonstrated financial need. Grade-point average will not be a factor in selecting the recipient.

The Nelda Mattison Wilson Memorial Scholarship is awarded to a student (preferably female) who is a first-time entering student with demonstrated academic and social skills.

Hill-Wilson Alpha Phi Alpha Academic Incentive Grant is awarded to a student in good standing with the Beta Mu Chapter of Alpha Phi Alpha Fraternity. The student must have an overall grade-point average of 2.5 or better and a cumulative grade-point average of 2.6 or better in the major field.

### NON-ACADEMIC SCHOLARSHIP POLICIES

The University offers a variety of non-academic scholarships for both freshmen and continuing students. Details of these opportunities are provided below. Interested students should contact the University's Office of Student Financial Aid for appropriate application materials.

All institutional scholarship/grant-in-aid programs administered by Kentucky State University are governed by the following policies:

- 1. The University will maintain scholarship programs of financial assistance.
- All non-academic scholarship awards shall be processed by the Office of Student Financial Aid and the appropriate unit or program for compliance with university policy.
- 3. Guidelines and procedures for scholarships shall be recommended by academic units, schools, and/or colleges and submitted to the Scholarship Committee for review and subsequent recommendation to the President for review and approval.
- 4. All non-academic scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid.
- 5. Each non-academic scholarship candidate must meet the minimum requirements for admission to the University. Individual scholarship programs may require higher academic grade-point averages and/or test scores.
- 6. All candidates for institutional scholarships/grantsin-aid must file appropriate applications for institutional, state and federal programs for financial assistance. Failure to complete such applications or to finalize awards is grounds for termination of an award.
- 7. The maximum amount of an institutional scholarship/grant-in-aid award will be adjusted downward to reflect any appropriate federal, state, institutional or other awards received by the candidate.
- 8. Each full-time institutional scholarship/grant-in-aid recipient must remain a full-time student during each semester and successfully complete a minimum of 24 non-repeated semester credit hours during each academic year. Each part-time institutional scholarship/grant-in-aid recipient must successfully complete a minimum 50% of the full-time requirements. Renewal requirements for individual scholarships/grants may be more stringent.

### TYPES OF NON-ACADEMIC SCHOLARSHIPS

### Music Scholarships

Eligibility Criteria

- 1. To receive a music scholarship a student must successfully pass a performance audition and be recommended for a scholarship by an ensemble director. (An audition tape is acceptable.);
- 2. All music scholarship candidates must be enrolled in the University and have met University criteria for the awarding of institutional aid;
- 3. Each music scholarship candidate must have at the time of the award no less than a 2.0 cumulative grade-point average on a 4.0 scale; and
- 4. MUSIC MAJORS WILL BE GIVEN PRIORITY OVER NON-MUSIC MAJORS IN THE AWARDING OF MUSIC SCHOLARSHIPS.

Value of Award

The student's talent and potential, the student's major (Music verses Non-Music), the needs of the Music program, and the number of credit hours the students will carry are the major factors that will be considered in determining the initial amount of the scholarship.

Selection Procedures and Notification

A student may be notified that he/she will be recommended for a scholarship immediately after the audition; but before money is appropriated, the recipient must comply with the University's Scholarship/Grant Policies.

Allotment of Music Scholarships

- A. Music Majors—Scholarships will be granted in 1) brass, 2) woodwind, 3) percussion, 4) keyboard, and 5) voice.
- B. Non-Music Majors—Scholarships may be granted to Non-Music Majors in either one of the music areas mentioned above or a major ensemble (Concert Choir or Marching Band/Symphonic Band).

Other Requirements

In addition to participating in one of the above music areas, each scholarship recipient must successfully register and perform in a major ensemble (Concert Choir or Marching/Symphonic Band), as well as enroll in the minor Applied Music sequence for each semester in which scholarship aid is granted.

Disbursement

Initially, recipients will be awarded music scholarships for a FOUR-YEAR PERIOD, RENEWABLE EACH YEAR. The scholarship will be disbursed in equal amounts each semester over a four-year period.

Renewal of Awards

To maintain a music scholarship a student must:

- Attend and participate in all rehearsals and performances of the ensemble(s) for which he/she was granted the scholarship, unless absence is approved in advance by the ensemble director;
- 2. Continue to meet the performance standards of the assigned ensemble(s) while maintaining a positive and cooperative attitude;
- 3. Successfully complete fifteen (15) credit hours each semester;
- 4. Maintain a 2.0 cumulative, overall grade-point average on a 4.0 scale each semester and 2.5 average in all music courses;
- 5. Practice a minimum of two (2) hours per day (Music Majors) in addition to regular ensemble rehearsals;
- 6. Practice a minimum of one (1) hour per day (Non-Music Majors) in addition to regular ensemble rehearsals;
- If a music major, enroll in and successfully complete Major Applied (this course involves a one-hour private lesson per week);
- 8. If a non-music major, enroll in and successfully complete Minor Applied (this course involves a one-half hour private lesson per week); and
- Adhere to and maintain the ethical and moral standards of the Division of Fine Arts.

If any of the above mentioned obligations are not met during any semester, the scholarship may be suspended.

### Student Leadership Scholarships

Eligibility Criteria

- 1. Exhibit outstanding leadership abilities;
- Be elected a Student Government Association Officer (president, vice president, secretary, treasurer, chief justice), Miss KSU, or Mr. KSU; and
- 3. Meet all requirements of the University's Non-Academic Scholarship Policies.

Value of Award

Scholarship values depend on the elected office held by the student and are as follows:

• Student Government Association President: tuition, room, board, and books

- Student Government Association First Vice President: tuition plus books
- Student Government Association Second Vice President: tuition plus books
- Student Government Association Secretary: tuition
- Student Government Association Treasurer: tuition
- Chief Justice: tuition, board, and books
- Miss KSU: tuition, room, board, and books
- Mr. KSU: tuition, room, board, and books

### Student Publications Tuition Scholarships

Value of Award

tuition

Eligibility Criteria

- 1. Be a full-time Kentucky State University student;
- 2. Serve as editor of the Thorobred News or the Thorobred Yearbook; and
- 3. Meet all requirements of the University's Non-Academic Scholarship Policies.

### Athletic Grants-In-Aid

Value of Award

Varies

Eligibility Criteria

- 1. Exhibit outstanding athletic ability;
- 2. Participate in one of the University's intercollegiate sports;
- 3. Meet all requirements of the University's Non-Academic Scholarship Policies; and
- 4. Enroll in a baccalaureate-level program.

### Cheerleading Scholarships

Value of Award

Tuition and \$100.00 for books

Eligibility Criteria

- 1. Be a full-time Kentucky State University student;
- 2. Have a minimum 2.3 cumulative grade-point average on a 4.0 scale. (Freshmen must have a minimum 2.5 cumulative high school grade-point on a 4.0 scale);
- Attend all practice sessions, pep rallies, home games, designated away games, and any other activities sponsored by the cheerleader squad;
- 4. Participate in required tryouts;
- 5. Be in good physical health; and
- 6. Meet all requirements of the University's Non-Academic Scholarship Policies.

### STUDENT AFFAIRS

The mission of the Student Affairs Office is to develop, organize, administer, monitor, and coordinate a variety of experiences, services, programs, and activities in such a manner that they will have the greatest impact on the growth and development of a diverse student body. These experiences, services, programs, and activities are administered through the following areas: Athletics; Counseling and Career Placement; Food Services; Health Services; Residence Life; Student Publications; Student Life; and the Office of Student Affairs.

Student Affairs is the central administrative office for student non-academic activities. Its staff members are responsible for student conduct and discipline, housing exemptions, meal exemptions, offering health insurance, excuses for class absences, emergency student loan processing, counseling, and coordinating all areas in the unit. In addition, the Vice President for Student Affairs serves as advisor to the Student Government Association.

### STUDENT LIFE

Kentucky State University's Student Life Office serves as the focal point of University community life. The Office administers social, cultural, educational, and recreational activities in the Hill Student Center and supervises the use of student center facilities by students, faculty/staff, and off-campus individuals. The Office monitors the activities of all campus organizations and serves in an advisory capacity to a number of student organizations.

The Office fosters students' growth and development by creating opportunities for students to sponsor and participate in social, cultural, spiritual, and recreational programs. Students gain leadership skills by taking on actual responsibilities of citizenship, putting their learning into the context of living, and applying their learning to practical situations.

The Office coordinates groups with common interests in the successful completion of campus-wide projects and activities; provides services and facilities to carry out University-sponsored programs that contribute to the educational and cultural growth of the University community; and coordinates the scheduling of such activities on the University's campus by on- and off-campus groups and organizations.

### STUDENT GOVERNMENT

The Student Government Association (SGA) of Kentucky State. University, which is the student governing body, offers the students a voice in the affairs of the campus community. The officers and other members manage

many student-only projects, and one member serves as a voting member of the University's Board of Regents. This organization plays a part in scheduling or sponsoring concerts, dances, speakers, and other activities that make up the social and cultural life of Kentucky State University students. Whether planning entertainment, presenting the student point of view to the University administration, or encouraging academic excellence among the student body, participants in student government help shape their community.

### STUDENT ORGANIZATIONS

At Kentucky State University, the cliche, "There is a chance to participate, the opportunity to get involved," is much more than a phrase; it is a fact of campus life. The range of student organizations includes Greek fraternities and sororities, honor societies, academic clubs, literary groups, art/music clubs, and special interest organizations (nursing, international students, chess, etc.). Students with interests that are not represented may inaugurate organizations related to those interests. Interested students should contact the Office of the Vice President for Student Affairs for further information.

### HOUSING AND RESIDENCE HALLS

The University provides housing for students who wish to live on-campus. Most full-time undergraduate students live in the University's residence halls. All full-time freshmen and sophomore students — except veterans of at least two years active military service, students who commute from their parents' or legal guardians' homes, married students, or students 21 years of age or older — must live in campus housing.

Residence halls vary in size and architectural style, and they provide double-room accommodations in most instances. A limited number of single rooms are available on a first-come, first-served basis. Some residence halls are reserved for freshmen.

An obvious advantage of the residence halls is their proximity to classroom buildings, the library, cafeteria, student center, gymnasium, and health center. Students in the residence halls have access to study rooms, television lounges, game rooms, kitchen and laundry facilities, vending services, and telephones. All the residences are professionally staffed by head residents.

Meals are provided at the Underwood Cafeteria in the Student Center.

The Housing Office oversees the operation of all University-owned and University-operated housing facilities for students and coordinates all programs,

services, and activities associated with these facilities. It encourages personal development through in-hall programming and academic and social activities and is responsible for ensuring that students have an atmosphere conducive to studying. Students are helped in assuming responsibilities that foster growth away from home.

The Housing Office ensures that the physical condition of the residence halls is maintained at an optimal level and that opportunities are provided for social interaction in the residence halls. Security is available in all residence halls.

Applications for rooms in the residence halls are received at any time; however, the application is processed only after a student has been officially admitted to the University. Requests for room reservations should be addressed to the Housing Office.

Each applicant must submit an application for housing and \$85.00 to cover the room reservation fee (\$45.00), damage deposit (\$25.00), key deposit (\$10.00), and social fee (\$5.00) before receiving a room assignment. Every effort will be made to honor an applicant's preference of residence hall and roommate assignment; however, a particular room is not guaranteed. Assignments are made on a first-come, first-served basis according to the date the deposit is received. Each student will be required to sign a University Residence Hall Contract, which sets forth the conditions for student housing, and obtain a housing permit prior to admittance to the residence hall.

One half of the annual room fee is to be paid during each of the two semesters during the regular academic year. Summer session room fees are due at the beginning of the term. All fees and expenses are payable in accordance with the fee-payment schedule in the Student Expenses section of this Catalogue.

#### Care of Rooms

Students are expected to care for their rooms and to keep them clean and orderly. Kentucky State University attempts to make it possible for students to enjoy good living conditions; therefore, it expects those who occupy rooms in the residence halls to keep them in good condition. Students will be charged for University property damaged or destroyed.

Kentucky State University shall not be responsible for any theft or loss of property, or stolen property in students' dormitory rooms. Students may wish to purchase personal property insurance for their dormitory belongings. Information on such insurance may be obtained from the Office of Student Affairs.

### Articles to be Furnished by Students

Students must furnish their own bed linen (twin bed sheets, pillow cases, comforters or blankets, bedspreads), towels, wash cloths, and personal items.

### STUDENT HEALTH SERVICES

Kentucky State's Office of Student Health Services helps ensure the physical and mental health of University students. The Office is located in the Betty White Health Center, and its program is broad in scope, encompassing preventive medicine, health education, physical and mental health care, and referral. Students are provided appropriate advice, medicines, comfort, and first aid. When necessary, Student Health Services refers students to appropriate health-care professionals or facilities in the Frankfort community or beyond. All records, treatments, and referrals are strictly confidential.

The services provided to students by Student Health Services include the following:

- Primary health care for all students; screening tests for hypertension, sickle cell anemia, tuberculosis, and HIV pre-test/post-test counseling; and immediate/emergency health care services;
- Health education workshops or seminars conducted on-campus at various times during the year;
- Workshops for the purpose of promoting breast cancer detection among female students;
- Educational programs on sexually transmitted diseases and the use of practical methods and devices of birth control;
- Review of student medical records and immunization records for the purpose of identifying medical problems;
- Comprehensive Counseling Services; and
- · Alcohol and drug abuse workshops and seminars.

### STUDENT HEALTH INSURANCE

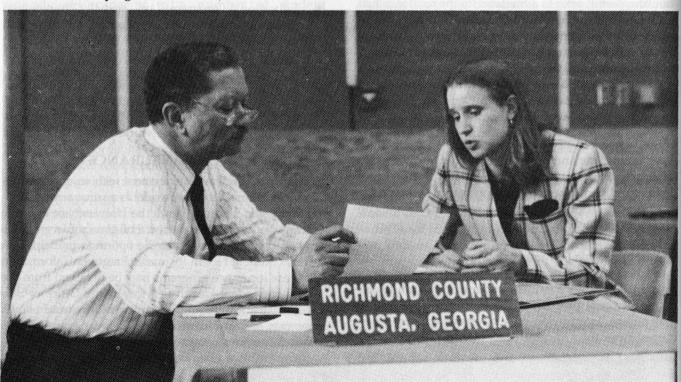
The University has an agreement with an approved insurance company to cover students against any accidental injury and illness either at the University or at home during the period of coverage. Full-time undergraduate and graduate students have the option to participate in various Student Health Insurance Programs. Information on these insurance programs may be obtained from the Office of Student Health Services or the Office of Student Affairs. It is the student's responsibility to obtain health insurance, and the University strongly urges each student to obtain insurance coverage.

### COUNSELING AND CAREER PLACEMENT

Choosing a career is an important concern of students and their families. While premature decisions are risky, failure to address career opportunities must also be avoided. The University devotes considerable attention to the goal of helping students think seriously about the implication of their career interests and then to locate practical ways to successfully satisfy the requirements of these career interests. It is often appropriate to remind students that despite the violence of the larger world beyond Kentucky State University, there is time enough to make adequate plans for careers. Indeed, what is essential is that students realize that many different kinds of career and vocational interests are available to them. An English major is perfectly well suited to become a doctor or a lawyer; an industrial technology student should not suppose that careers are restricted to the merely technical features of a trade. The list expands almost indefinitely. Kentucky State University's Office of Counseling and Career Placement assists students in need of academic, personal, social, and vocational counseling; offers assistance to graduates in finding suitable employment in business, industrial, governmental, and educational organizations that seek college-trained personnel for permanent employment; and informs faculty, staff, and administrators about employment trends, standards, and requirements (particularly as they affect the specific office or academic program concerned).

#### The Office also:

- provides individual and group counseling to students at all levels;
- provides psychological counseling services to students;
- provides special programs for transfer, foreign, rehabilitation, and non-traditional students;
- develops and implements career-awareness and education programs for students, faculty, and the community;
- provides work experiences for students as part of their occupational orientation and career development;
- provides to students an option for incorporating a paid work experience into their education; and
- provides students the opportunity to consider possible employers through its placement activities.



### THE SETTING

### ON THE HILL

Going to college is more than just going to class, and at Kentucky State University an important part of the student experience is the mix of activities, cultural events, and recreation that make up life on the campus upon a scenic hill overlooking Frankfort. Students have many opportunities to enjoy themselves outside the classroom. The calendar includes concerts and dances; swimming parties; talent shows; Homecoming activities; intercollegiate football, baseball, softball, volleyball, and basketball games; and cross country, track, field, golf, and tennis competition.

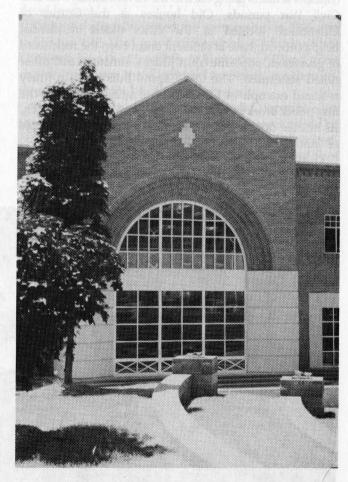
Intramural competition provides an outlet for many students. Among the men's, women's, and coed intramural activities are archery, badminton, basketball, bowling, softball, flag football, swimming, track, table tennis, tennis, and volleyball. In the local area, recreational opportunities include boating, water skiing, camping, cycling, fishing, golfing, hiking, horseback riding, jogging, and weight training, plus the nearly limitless sightseeing that the historic and scenic Bluegrass region of Kentucky offers.

Cultural experiences are considered an integral part of a liberal studies education. Numerous cultural events are scheduled throughout every academic year — many by the University and many by local organizations that use campus facilities for events open to students as well as to the general public.

Bradford Hall has practice rooms and rehearsal halls available for instrumental and vocal ensembles. The Bradford Hall Auditorium and Little Theatre are available for concerts, lectures, and plays. Art and photography exhibitions attended by the public from Frankfort and the surrounding area as well as by University students, faculty, and staff are presented in Jackson Hall Gallery and Blazer Library.

Public figures spanning the spectrum of political and human endeavor appear often at Kentucky State University. In recent years convocations or special events have scheduled, among others, poet Gwendolyn Brooks, United States Senator William Proxmire, actress Cicely Tyson, author Alex Haley, American philosopher Mortimer Adler, former Ms. America Debbie Turner, Reverend Jessie Jackson, NAACP executive director Benjamin Hooks, journalist and former White House press secretary Jody Powell, historian David Brion Davis, comedian Sinbad, actor John Forsythe, singers Marilyn McCoo and Billy Davis, Jr., tennis star Arthur Ashe, Jr., basketball star Gary Grant of the L.A. Clippers, football star Roderick Hill, classics performer Frank E. Fowle III,

professional football coach Dan Reeves, author Terri McMillan, Harvard Professor of Psychiatry Alvin Pouissant, neurochemist Ivan Mefford, poet John Ciardi, high school Principal Joe Clark, social commentator Tony Brown, jazz and classical musician David Baker, World Bank official Gretchen Handwerger, former Heavy Weight Champion of the World Muhammad Ali, former U.S. Secretary of Education Terrel H. Bell, former first lady Rosalyn Carter, author and Soviet defector Vladimir N. Sakharov, and Pulitzer Prize-winning photojournalist Moneta Sleet, Jr. Most of the Frankfort Arts Foundation's annual presentations — which include symphonic concerts, ballets, play productions, and operas — take place on the Kentucky State University's campus.



### THE STATE CAPITAL: AN EXTENDED CAMPUS

Frankfort, the capital city of Kentucky and the home of Kentucky State University, lies on the western edge of the state's Bluegrass region. The city of 30,000, which is more than 200 years old, grew along the banks of the Kentucky River in a small valley bordered by limestone cliffs. Preservation of historic structures throughout the city adds to its picturesque quality. Easily accessible by major highways, Frankfort is within a short drive of Lexington, Louisville, and Cincinnati.

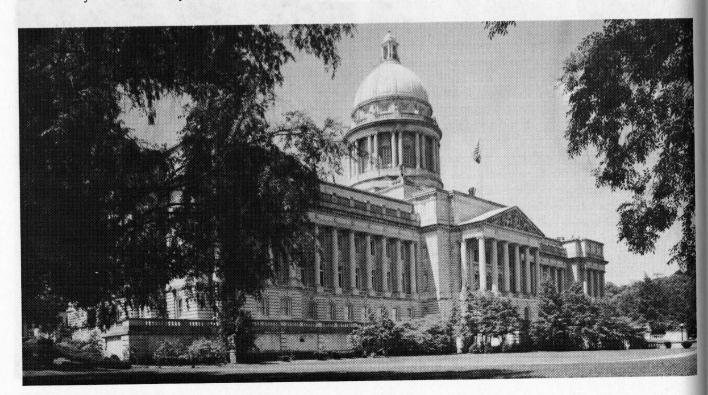
Frankfort's history is rich with familiar names and events. Daniel and Rebecca Boone are buried in a cemetery overlooking the city, just a few minutes walk from the Kentucky State University campus. In the old Statehouse, Aaron Burr was brought before a grand jury on the charge of treason. The Military History Museum contains artifacts going back to the Revolutionary War and Civil War periods. Old houses at the Corner of Celebrities, located in the city's oldest residential neighborhood, have at different times been the residences of governors, supreme court judges, senators, and other noted statesmen. The Old Capitol Building is a finely restored example of Greek Revival architecture and the first public work by renowned architect Gideon Shryock. Its marble double-spiral staircase is a beautiful example of innovative design and superb craftsmanship.

The Orlando Brown House, also designed by Shryock, and Liberty Hall, built by statesman John Brown,

served as meeting places for such famous figures as Zachary Taylor, James Monroe, Andrew Jackson, and Theodore Roosevelt. These two houses, along with the Glen Willis House, provide the city with beautiful areas for public receptions and with formal gardens along the river

Today, offices of state government, the University, and local organizations join together to provide the city with places and events of interest. Beautifully planted gardens at the new State Capitol and throughout the city establish pleasant and congenial surroundings. The Frankfort Arts Foundation brings nationally recognized talent to Frankfort for musical and theatrical productions. Art galleries show works by the widely known late local painter, Paul Sawyier, along with shows by other nationally and locally known artists. The Game Farm, established in 1944 by the state Department of Fish and Wildlife Resources, is only three miles from downtown Frankfort. In addition to its woods and lakes, which serve as rest and feeding areas for migratory birds, almost all of Kentucky's native animal species are in residence.

Frankfort is a diverse community that offers Kentucky State University students a variety of opportunities for recreation and personal growth. Students can choose to be a part of this community in many ways. It offers access to a rich cultural and historical perspective while providing avenues for involvement in civic and community affairs.



### THE LAND GRANT MISSION

Kentucky State University is one of seventeen 1890 land grant institutions that were mandated by the Morrill Act of 1890 to conduct research, extension, and teaching in the food and agricultural sciences. This fact enables Kentucky State University to offer many opportunities for students interested in learning more about the food and agricultural sciences.

### COMMUNITY RESEARCH SERVICE

Research responsibilities are met at the University by the Community Research Service. These research programs are administered by the U.S. Department of Agriculture's Cooperative State Research Service.

The mission of Kentucky State's Community Research Service is to help resolve agricultural, economic, and social problems of the people of Kentucky, especially those people with limited resources living in rural and urban communities. Currently, research is being conducted in four broad areas: aquaculture and natural resources; human nutrition, health, and home economics; plant and soil science; and rural development. Scientists with diversified educational backgrounds as well as domestic and international experiences are involved in outstanding research, including projects in warm- and cold-water fish production, water quality, environmental toxicology, plant tissue culture, integrated pest management, horticulture, minority land loss, and nutritional problems of the elderly.

The Atwood Agricultural Research Facility houses the principal laboratories and serves as the hub for program activities. Augmenting this facility are a research farm, greenhouses, and a fish hatchery/pond complex—all designed to test theoretical laboratory work under practical field conditions.

Students can become involved in research projects as laboratory assistants, and academic credit may be earned through cooperative education. Research partnerships with several state/federal agencies and private industries have enhanced agency-sponsored internship opportunities for students. Involvement by minorities and international students is especially encouraged.

High school juniors and seniors participate in the research program through the Student Apprenticeship Program, which provides exposure to research and related career opportunities. An on-campus U.S. Department of Agriculture liaison is available to counsel students on national initiatives in the food and agricultural sciences.

An aquaculture curriculum has been developed to provide students classroom as well as experiential learning

about fish farming (fish nutrition, water quality, and environmental management) and its potential for economic development in Kentucky. Details regarding the minor in Aquaculture may be found in the Division of Mathematics and Sciences section of this Catalogue.

### COOPERATIVE EXTENSION PROGRAM

The Cooperative Extension System is a nation-wide network established by Congress to extend research-based knowledge and technology from the laboratory to the community. A joint effort between the U.S. Department of Agriculture, the land grant University system, and the counties in each state, Cooperative Extension is designed to provide grassroots not-for-credit educational programs in agriculture and natural resources, home economics, community resource development, and youth development.

Kentucky officially joined the partnership in 1916 and today has two land grant universities: Kentucky State University and the University of Kentucky. All land grant universities serve three primary functions: resident instruction, research, and public service.

Since 1972, Kentucky State University's Cooperative Extension Program has fulfilled the public service role by providing educational and technical assistance to limitedresource families and by meeting the needs of homemakers, farmers, youth, the elderly, and many others.

Some Extension programs are one-on-one efforts in which paraprofessionals work directly with family members. One such program, the Family Development and Management Program, assisted limited-resource families in Kentucky to save more than \$158,000 in the household operations in a one-year period. Through another program, the Small and Part-time Farmer Program, farmers increased their income by an average of \$10,000.

Other program thrusts (i.e., Family Economics and Management, Child and Youth Development, and Community Resource Development) help families lead healthier, happier lives and to make better use of community resources.

In seeking to effectively reach its audience of limitedresource Kentucky residents, the Extension Program routinely seeks outside funding to augment its program effectiveness. Currently, more than \$500,000 in outside funds have been obtained to help farmers and families increase the quality of their lives and the efficiency and productivity of the economic enterprises.

Each program is developed to meet a need expressed

at the local level and to help Kentuckians deal effectively with the tasks of everyday living. The payoff is seen in dollars saved, more satisfying relationships, more attractive homes and communities, and new industries.

Students at Kentucky State University can learn more about Cooperative Extension as a career choice through student work assignments, work-study, and other student employment opportunities.

The Cooperative Extension Program has recently completed a state of the art office/meeting complex that will greatly assist staff in carrying out the mission of the Extension System. Through the work opportunities listed above, students will be able to receive educational instruction not only in the specific program areas of Extension, but in the broader areas of communications specialties. Incorporated into the new Extension facility will be the most modern technologies that will enable the University to interact with diverse audiences while never leaving campus. Video, audio, and graphic technologies will offer students the opportunity to receive educational experiences in the most current methods of individual and mass communications.

### NATIONAL CENTER FOR DIVERSITY

In the changing world, people are diverse with respect to age, socioeconomic status, ethnicity, gender, physical and mental ability, race, sexual orientation, and spiritual practice. The Cooperative Extension System, through its network of land-grant universities, is dedicated to promoting the acceptance of diversity among people in the system's workforce and clientele. Through the establishment of a National Center for Diversity at Kentucky State University in October 1992, the Cooperative Extension Service provides resources to facilitate mutual respect, acceptance, teamwork, and productivity among the diverse peoples within the organization.

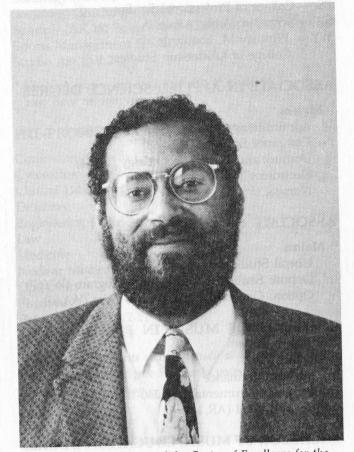
The National Center for Diversity is a partnership of Cooperative Extension programs at Kentucky State University, the University of Wisconsin, Pennsylvania State University, and the Extension Service of the U.S. Department of Agriculture. Through diversity trainings conducted at the Cooperative Extension Program Facility on the KSU campus and across the United States, The National Center for Diversity works to achieve its mission to enhance diversity and pluralism within the Cooperative Education System. Kentucky State University is proud to serve as the lead institution and the site from which the National Center for Diversity is operated.

## THE CENTER OF EXCELLENCE FOR THE STUDY OF KENTUCKY AFRICAN AMERICANS

One part of Kentucky State University's mission is to be "the major repository for the collection of books, records, and artifacts relative to the history and status of African-American citizens of the Commonwealth and elsewhere." The Center of Excellence for the Study of Kentucky African Americans (CESKAA) was established in 1992 as a research institute to serve as a cultural and teaching resource that will identify, collect, document, preserve, develop, and distribute information and materials about Kentucky African-Americans, Americana and African heritage.

Through its research and teaching activities, CESKAA enhances the Liberal Studies mission of the University and involves both students and faculty. CESKAA plays an important role in shaping, developing, and designing curriculum in African-American studies. In connection with its mission to promote cultural literacy, a summer teaching institute for the study of race, ethnicity, and diversity is being developed for universities and other educational institutions in the Commonwealth of Kentucky. University faculty play a major role in the Center, advising the Center staff concerning research proposals and conferences which reflect areas of concern for Africana studies.

A major effort is underway to collect and gather artifacts and written records documenting all aspects of the history and culture of Kentucky African-Americans, including oral histories, women's history, church history, and educational heritage studies. CESKAA's archival collection currently contains over 250,000 articles, essays, and unpublished papers relating to a variety of socio-cultural, political, economic, literary, religious, sociological, and historical areas of research on African-Americans. These projects will be expanded to accommodate developments in research problems facing Africans in the Diaspora.



James J. Gordon, Director of the Center of Excellence for the Study of Kentucky African-Americans.

## ACADEMIC FIELDS OF STUDY

## and Number of Semester Credit Hours for Completion

AR — College of Arts and Sciences

BU — School of Business

PS — College of Professional Studies

SP — School of Public Affairs

WY - Whitney M. Young, Jr.

College of Leadership Studies

### ASSOCIATE IN APPLIED SCIENCE DEGREE

### Majors

Administrative Support Services (PS,66)

Computer Science (PS,64-68)

Drafting and Design Technology (PS,64)

Electronics Technology (PS,64)

Nursing (PS,73)

### ASSOCIATE OF ARTS DEGREE

### Majors

Liberal Studies

Option: Seminar-based Honors Program (WY,67)

Option: General Liberal Studies Core (WY,65)

### BACHELOR OF MUSIC IN PERFORMANCE **DEGREE**

### **Majors**

Music Performance

Option: Instrumental (AR, 140-141)

Option: Vocal (AR, 140)

### **BACHELOR OF MUSIC EDUCATION DEGREE**

### **Majors**

Music Education

Option: Instrumental (PS,144-145)

Option: Vocal (PS,144)

### **BACHELOR OF ARTS DEGREE**

### Majors

Art Education (PS, 141)

**Business Administration** 

Specializations: Accounting (BU,128)

Business Administration (BU, 128)

Economics (BU, 128)

Management (BU,128)

Marketing (BU, 128)

Child Development and Family Relations (PS,128)

Criminal Justice (PS,128)

Early Elementary Education (PS, 140-141)

Specialty Area Required

English with a dual major (AR, 128); English without

a minor (AR, 128); or English with a minor

English Education (PS, 132)

History (AR, 128); Minor Required

History Education (PS, 132)

Liberal Studies

Option: Whitney M. Young, Jr. College of Leadership Studies (WY, 128); Minor Required

Option: Student-designed (AR,128)

Option: Student-designed (WY,128)

Mathematics (AR, 131-137)

Mathematics Education (PS, 137)

Physical Education (Non-teaching) (PS,129-135);

Minor Required

Political Science (AR, 128); Minor Required

Psychology (AR, 128); Minor Required

Public Administration (SP,128)

Social Studies Education (PS,135)

Social Work (PS, 133)

Sociology (AR,128); Minor Required

Studio Art (AR, 132); Minor Required;

Studio Art (AR,130); with one area of

specialization required from Art History, Ceramics, Drawing, Painting, Photography,

Printmaking, Sculpture, or Weaving

Textiles, Clothing, and Merchandising

Option: Specialization in Art (PS,128)

Option: Specialization in Business (PS,128)

### **BACHELOR OF SCIENCE DEGREE**

Applied Mathematics/Engineering (Double-Degree

Engineering Program) (AR, 137-144)

Biology (AR, 138)

Biology Education (PS, 138-139)

Chemistry (AR, 139)

Computer Science

Option: Business (PS, 129-132)

Option: Mathematics (PS, 134-137)

Clinical Laboratory Sciences (AR, 144-146)

Physical Education (Teaching) (PS, 138-140)

### MASTER OF **PUBLIC ADMINISTRATION DEGREE** (SP39-45)

Specialty Areas:

State Administration

Personnel Management

Management Information Systems (MIS)

International Administration and Development

### PROGRAMS LEADING TO TEACHER CERTIFICATION BY KENTUCKY DEPARTMENT OF EDUCATION

Art Education (PS,141)

Biology Education (PS, 138-139)

Early Elementary Education (PS, 140-141);

Specialty Area Required

English Education (PS, 132)

History Education (PS, 132)

Mathematics Education (PS, 137)

Music Education

Option: Instrumental (PS,144-145)

Option: Vocal (PS, 144)

Physical Education (PS, 138-140)

Social Studies Education (PS, 135)

### MINOR PROGRAMS

Accounting (BU, 18)

African-American Studies (AR, 18)

Aquaculture (AR, 19)

Biology (AR,21)

Chemistry (AR, 20)

Child Development and Family Relations (PS, 18)

Computer Information Systems (PS,21)

Computer Science (PS,21)

Criminal Justice (PS, 18)

Economics (BU,18)

English (AR,21)

English (Teaching\*) (AR, PS, 24)

Fashion Merchandising (PS,21)

Finance (BU,21)

French (AR, 18)

Gerontology (PS,21)

History (AR.21)

History (Teaching\*) (AR, PS, 21)

International Studies (WY,21)

Liberal Studies (WY,18)

Management (BU,21)

Marketing (BU,21)

Mathematics (AR, 19) Mathematics (Teaching\*) (AR,PS,22)

Music Performance (AR,21)

Philosophy (AR, 18) Physics (AR, 20) Political Science (AR.18) Psychology (AR, 18) Public Administration (SP,18) Recreation (PS.21) Sociology (AR, 18) Sociology (Teaching\*) (AR, PS, 21) Spanish (AR,18) Speech and Theatre (AR,18)

\* Teaching minors are only available to students who have teaching majors.

### PRE-PROFESSIONAL PROGRAMS

Engineering (3-2 Applied Mathematics)\*

Community Health (2-2)\*

Studio Art (AR,21)

Cytotechnology (2-2)\* Clinical Laboratory Sciences (3-1)\*

Sports Management (PS,21)

Dentistry

Law

Medicine

Nuclear Medicine Technology (2-2)\* Optometry

Pharmacy

Physical Therapy (2-2)\* Veterinary Medicine

\*First figure represents years of study at Kentucky State University; second figure represents years of study at cooperating institution.

# THE COLLEGE OF ARTS AND SCIENCES

The entire object of true education is to make people not merely do the right things but to enjoy them — not merely industrious, but to love industry — not merely learned, but to love knowledge — not merely pure, but to love purity — not merely just, but to hunger and thirst after justice.

-John Ruskin

At the heart of a liberal studies institution are the subjects and disciplines of the traditional arts and sciences. Excellence in teaching is the governing institutional objective of the College of Arts and Sciences. Academic programs in the College are varied and broad in scope. Academic majors are offered in the following fields:

Applied Mathematics Art (Studio) Biology Clinical Laboratory Sciences Chemistry English History Liberal Studies
(Student-designed)
Mathematics
Music Performance
Political Science
Psychology
Sociology

In addition, a pre-engineering academic major program is available in cooperation with the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, and Florida A & M University. Students study Applied Mathematics for the first three years of their undergraduate career. Upon successful completion of requirements at Kentucky State University, preengineering students are accepted by the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, or Florida A & M University for an additional two years of study in any of several fields of engineering. A student who successfully completes both portions of this double-degree program is awarded a Bachelor of Science degree in Applied Mathematics from Kentucky State University and an engineering degree in the specific field from the University of Kentucky, Vanderbilt University, the University of Maryland at College Park, or Florida A & M University. Details of this particular program may be found in the Division of Mathematics and Sciences section of this Catalogue.

Minors are offered in most of the programs listed above. Additionally, a minor in Aquaculture is offered through the Division of Mathematics and Sciences in cooperation with the Land Grant Programs at the University. It is anticipated that students may select a minor in Rural Studies from the Division of Behavioral Sciences (Fall Semester 1995). Other minors offered by divisions within the College of Arts and Sciences include the following: African-American Studies, French, Physics, Spanish, and Speech and Theatre.

Students interested in earning credit for Teacher Certification at the elementary or secondary level may take courses offered by the appropriate divisions in the College of Arts and Sciences, in cooperation with the faculty of the Division of Education and Human Services in the College of Professional Studies. Details of these programs may be found in the College of Professional Studies section elsewhere in this Catalogue.

Students should refer to the appropriate subjects section in the College of Arts and Sciences for coursework requirements applicable to their particular programs. To earn a degree through the College of Arts and Sciences in four years, students must satisfy both academic program and University course requirements. Summer session coursework and possibly an additional academic year may be required in some cases. Every student is encouraged to work closely with his or her mentor or advisor.

### BACHELOR OF ARTS IN LIBERAL STUDIES (Student-designed major)

Through the College of Arts and Sciences or the Whitney M. Young, Jr. College of Leadership Studies, it is possible to earn a Bachelor of Arts degree following a specially designed, individualized curriculum. A student-designed liberal studies curriculum permits a student to pursue a course of study which combines related subjects from different disciplines for the sake of some specific approved educational or career goal. The student-designed curriculum option is intended to serve students with special academic needs while maintaining coherence and integrity in the course of study.

A student pursuing this degree must complete the University's Liberal Studies Requirements (or their equivalent through the Whitney M. Young, Jr. College of Leadership Studies). In the sophomore year, the student should petition for permission to follow a student-designed curriculum. The general University requirement for a minimum of 128 semester credit hours for the Bachelor of Arts degree must be met. This petition will define and justify an interdisciplinary course of study. It will specify the general topic and purpose, show how particular courses from various academic units will contribute to the general goal, and propose a realistic course-sequencing order.

The student will submit this petition to his/her mentor

or advisor, who will collaborate with the student in refining the proposal. The mentor or advisor will send the petition and his/her recommendation to the dean of the college. The dean will transmit the petition and his recommendation to the Vice President for Academic Affairs. The proposal will not be an approved course of study until it has the written approval of the Vice President for Academic Affairs.

A petition for a student-designed Bachelor of Arts in Liberal Studies program of study may be made after the sophomore year, but students who wait until the junior or senior year to propose an interdisciplinary curriculum will generally not be able to finish their undergraduate coursework within four academic years.

### THE DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES

The Division of Behavioral and Social Sciences is committed to the University's particular emphasis on liberal studies. Baccalaureate degree programs are offered in History, Political Science, Psychology, and Sociology. The Division provides its students with knowledge, skills, tools, and perspectives to analyze and interpret phenomena in their selected fields as well as in related disciplines. The intent is to develop scholars who are knowledgeable and well versed in each of the behavioral and social sciences.

To realize these objectives, the Division has developed a core curriculum involving each of its degree programs. This core integrates the academic experiences of the students by allowing them the opportunity to share common classes, to develop a common core of ideas, and to interact with faculty members in the Division.

All students majoring in History, Political Science, Psychology, or Sociology must successfully complete at least one course at the 200-level or above in the following areas: History, Political Science, Psychology, and Sociology; and at least one course in Geography at any level. Majors in Political Science, Psychology, and Sociology must successfully complete POS/PSY/SOC 300 and 301, respectively. All majors must successfully complete BSS 499, Senior Colloquium.

In cooperation with the Division of Education and Human Services, the Division offers certification in History Education. Course requirements differ from those for a Bachelor of Arts degree in History. In addition, the Division of Education and Human Services offers a certification in Social Studies Education which primarily requires courses from the Division of Behavioral and Social Sciences curriculum along with professional Education courses. Details of these programs may be found in the Division of Education and Human Services section of this Catalogue.

For some students pursuing teacher certification, teaching endorsements in History, Social Studies, and Sociology can be obtained by completing 9 semester credit hours of coursework in a subject area selected in consultation with the student's advisor and with the Division of Education and Human Services.

### **HISTORY**

A major in History provides a global perspective on the social, political, and intellectual development of civilizations. It allows students an opportunity to reflect on the past, gain a historical perspective on the present, and acquire a knowledge and understanding of human behavior. A History major may choose courses that deal with Africa, Asia, Europe, North America, and South America.

The History program offers a curriculum that is designed to prepare graduates to function in and contribute to an expanding society; enhance critical thinking skills; develop an appreciation and understanding of the historical research methodologies; become aware of the contributions of diverse cultures to our global society and be able to internalize and integrate this information into their total knowledge base; and prepare students for advanced professional studies as well as varied career opportunities.

To satisfy the requirements for the Bachelor of Arts degree in History, a student must complete a minimum of 128 semester credit hours including 33 semester credit hours in History. The required courses are HIS 101, 102, 201, and 202; 314 or 422; and 376 or 433; and an additional 15 semester credit hours of 300/400-level History courses must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in History requires the completion of 21 semester credit hours. Specific course requirements include HIS 102, 201, and 202; and the remaining 12 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level History courses. In addition, students must complete HIS 103 as part of the Liberal Studies Requirement.

A teaching endorsement in History can be obtained by completing a minimum of 9 semester credit hours of coursework selected by the student in consultation with the student's advisor and with the Division of Education and Human Services.

### **African-American Studies**

The Division of Behavioral and Social Sciences also offers a minor in African-American Studies. This is an interdisciplinary program administered by the faculty of History. Kentucky State University is committed to continued scholarship, inquiry, and education in African-American history and culture. By drawing upon the resources of faculty in a broad range of related studies, it is hoped that students will develop an understanding of the African-American experience from a variety of perspectives.

Admission to this program requires a cumulative gradepoint average of 2.0, and it is recommended that students complete the Liberal Studies Requirements prior to pursuit of the minor. Students must successfully complete 18 semester credit hours from a variety of interdisciplinary courses selected in consultation with their advisor. The courses include ART 303; ENG 409; GEO 212; HIS 314, 375, 376, and 411; MUS 323 and 325; POS 462; and SOC 304.

# Suggested Curriculum BACHELOR OF ARTS IN HISTORY (Minor Required) Total Hours: 128

		FRESHM	AN YEAR		
Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
<b>ENG 101</b>	English Composition I	3	MUS 130	Intro. to Music	3
HIS 101	World Civilization I	3	<b>ENG 102</b>	English Composition II	3
MAT 110	Interm. Algebra or above	3	HIS 102	World Civilization II	3
POS 101	American Government	3	SPE 103	Interpersonal Commun.	3
	Foreign Language	3		Foreign Language	3
		18	hintilipas a		15
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	HIS 202	U.S. History Since 1865	3
GEO	Course any level	3	IGS 201	Convergence of Cultures	3
HED 221	Personal Health/Fitness OR		POS	Course 200-level or above	3
PHE	P. E. Activity Courses	2	PSY	Course 200-level or above	3
HIS 201	U.S. History to 1865	3	SOC	Course 200-level or above	3
IGS 200	Foundations of Cultures	3			
	*Natural Science				15
		17			
		JUNIOI	R YEAR		
Fall		Hours	Spring		Hours
HIS 314	African-Amer in the U.S. OR		HIS 376	African History from 1870 OR	
HIS 422	Recent U.S. History	3	HIS 433	Twentieth Century Europe	3
HIS	Electives 300/400-level	6	HIS	Elective 300/400-level	3
IGS 300	New Forms of Culture	3	**IGS	301, 302, 303, or 304	3
	Minor Courses	6	POS 301	Minor Courses	6
		18			15
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
HIS	Electives 300/400-level	6	BSS 499	Senior Colloquium	3
	Electives 300/400-level	6		Electives	6
	Elective OR			Minor Courses 300/400-level	6
	Minor Course 300/400-level	3			15
		15			

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### POLITICAL SCIENCE

Political Science, as a discipline, involves the systematic study of politics and the political system.

The Political Science program at Kentucky State University has a highly developed academic curriculum that prepares students for graduate study in political science or related areas, such as law or public administration. Additionally, the curriculum addresses preparation of students for entry-level positions in the public and private sectors of employment.

To satisfy the requirements for the Bachelor of Arts degree in Political Science, a student must complete a minimum of 128 semester credit hours, including 33 semester credit hours in Political Science. The required courses are POS 160, 201, 211, 300, 301; POS 331 or 431; and POS 355; and the selection of two, 6 semester credit hour specialization options (International Relations and

Legislative/Executive Politics) in consultation with the student's advisor. Students selecting the International Relations option must complete 6 semester credit hours from POS 311, 361, or 462. Students selecting the Legislative/Executive Politics option must complete POS 322 and POS 446. Students should consult their advisor for the availability of other specialization options. Additionally, the student must complete a minor.

A minor in Political Science requires the completion of 18 semester credit hours. Specific course requirements include POS 160 and 211; POS 300 or 301; POS 355 and the selection of one, 6 semester credit hour specialization option in consultation with the student's minor. In addition, students must complete POS 101 as part of the Liberal Studies Requirement.

# Suggested Curriculum BACHELOR OF ARTS IN POLITICAL SCIENCE (Minor Required) Total Hours: 128

### FRESHMAN YEAR

Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR		ENG 102	English Composition II	3
MUS 130	Intro. to Music	3	HIS 103	Western Civilization	3
BIO 101	Life Science	3	POS 160	State/Local Government	3
ENG 101	English Composition I	3	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3		Foreign Language	3
POS 101	American Government	3		*Natural Science	3
	Foreign Language	3			18
		18			to timenify

### SOPHOMORE YEAR

Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	GEO	Course any level	3
HED 221	Personal Health/Fitness OR		HIS	Course 200-level or above	3
PHE	P. E. Activity Courses	2	IGS 201	Convergence of Cultures	3
IGS 200	Foundations of Cultures	3	POS 201	Metropolitan Government	3
POS 211	Intro. to Polit. Sci.	3		Elective	3
PSY	Course 200-level or above	3			15
SOC	Course 200-level or above	3			15
		17			

### IUNIOR YEAR

		,0.110.			
Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	**IGS	301, 302, 303, or 304	3
POS 300	Statistics for the BSS	3	POS 301	Research Meth. for the BSS	3
POS 311	Comparative Government OR		POS 322	Legislative Process	3
POS 361	World Politics	3	POS 331	Amer. Constitutional Law OR	
	Minor Courses	6	POS 431	Constitution/Civil Lib.	3
		15		Minor Course 300/400-level	3
		13			15

### SENIOR YEAR

Fall		Hours	Spring		Hours
POS 446	Amer. Political Executives	3	BSS 499	Senior Colloquium	3
POS 462	Politics of Dev. Nations	3	POS 355	Class. Polit./Soc. Theory	3
	Electives 300/400-level	6		Electives	6
	Minor Course 300/400-level	3		Minor Courses 300/400-level	3
		15			15

\*May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

<sup>\*\*</sup>IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### **PSYCHOLOGY**

Psychology involves the scientific study of a vast array of phenomena related to the actions and experiences of organisms. Psychologists study phenomena such as perception, memory, thought, behavior, and the social, physiological, and developmental processes that underlie these phenomena. In addition to its commitment to scientific truth, psychology requires the application of knowledge and critical thinking/reasoning skills to assess, prevent, and resolve individual and social problems.

The Psychology program at Kentucky State University leads to a major or a minor that prepares the student with a solid, well-rounded education in psychology. The study of psychology serves as a useful foundation for the pursuit of careers in business, law, medicine, social work and the other helping professions; or majors may pursue further study in psychology at the graduate-level.

To satisfy the requirements for the Bachelor of Arts degree in Psychology, a student must complete a minimum of 128 semester credit hours, including 36 semester credit hours in Psychology. The required courses are PSY 200, 300, 301, 303, 304, 320, 400 or 401, 405 or 406; and two of the following courses: PSY 408, 409, 410, or 411. An additional 6 semester credit hours of 300/400-level Psychology courses must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in Psychology requires the completion of 18 semester credit hours. Specific course requirements include PSY 300, 303, 304, 400 or 401; the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level Psychology courses. In addition, students must complete PSY 200 as part of the Liberal Studies Requirement.



### Suggested Curriculum **BACHELOR OF ARTS IN PSYCHOLOGY** (Minor Required) **Total Hours: 128**

### FRESHMAN YEAR

Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
HIS 103	Western Civilization	3	ENG 102	English Composition II	3
MAT 110	Interm. Algebra or above	3	POS 101	American Government	3
VIIII IIO	Foreign Language	3	SPE 103	Interpersonal Commun.	3
	1010.011 2111.011	nome <u>muranil</u>		Foreign Language	3
		15		*Natural Science	3
					18
		SOPHOM	ORE YEAR		

Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	HED 221	Personal Health/Fitness OR	
GEO	Course any level	3	PHE	P. E. Activity Courses	2
IGS 200	Foundations of Cultures	3	HIS	Course 200-level or above	3
PSY 200	General Psychology	3	IGS 201	Convergence of Cultures	3
SOC	Course 200-level or above	3	POS	Course 200-level or above	3
30C	Course 200 level of above			Electives	6
		15			17

### **JUNIOR YEAR**

Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	**IGS	301, 302, 303, or 304	3
PSY 300	Statistics for the BSS	3	PSY 301	Research Meth. for BSS	3
PSY 303	Theories and Methods in		PSY 304	Experimental Psychology	3
131 303	Developmental Psychology	3	PSY 320	History and Systems of PSY	3
PSY 405	Seminar in Psychology I OR			Elective OR	
PSY 406	Seminar in Psychology II	3		Minor Course 300/400-level	3
	Minor Courses	6			15
		18			

### SENIOR YEAR

		SENIO	K ILAK		
Fall		Hours	Spring		Hours
PSY 400	Abnormal Psychology OR		BSS 499	Senior Colloquium	3
PSY 401	Personality Theory	3	PSY 408	Learning and Motivation OR	
PSY 409	Cognitive Psychology OR		PSY 410	Physiological Psychology	
PSY 411	Sensation and Perception	3	PSY	Elective 300/400-level	3
PSY	Elective 300/400-level	3		Minor Courses	6
	Minor Courses	6			15
		45			

<sup>\*</sup>May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### SOCIOLOGY

Sociology is the scientific study of societies and social organizations. It examines the behavior of large and small groups in various contexts and seeks improved understanding of the principles and dynamics of human relationships.

The Sociology program at Kentucky State University offers a contemporary curriculum of sociology and related professional courses. The program builds upon a liberal studies foundation and is designed to provide students with several program and career options.

To satisfy the requirements for the Bachelor of Arts degree in Sociology, a student must complete a minimum of 128 semester credit hours, including 36 semester credit hours in Sociology. The required courses are SOC 200, 300, 301, 303, 304, 305, 403, and 405; an additional 12 semester credit hours of Sociology courses at the

300/400-level must be selected in consultation with the student's advisor. Additionally, the student must complete a minor.

A minor in Sociology requires the successful completion of 18 semester credit hours. Specific course requirements are GEO 102; SOC 300 or 301, 304, and 305; the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level Sociology courses. In addition, students must complete SOC 203 as part of the Liberal Studies Requirement.

A teaching endorsement in Social Studies or Sociology can be obtained by completing a minimum of 9 semester credit hours of coursework selected by the student in consultation with the student's advisor and the Division of Education and Human Services.



### Suggested Curriculum **BACHELOR OF ARTS IN SOCIOLOGY** (Minor Required)

Total Hours: 128

FRESHMAN	YEAR
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Fall		Hours	Spring	the state of the state of the	Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
GEO	Course any level	3	ENG 102	English Composition II	3
HIS 103	Western Civilization	3	POS 101	American Government	3
MAT 110	Interm. Algebra or above	3	SPE 103	Interpersonal Commun.	3
-	Foreign Language	3		Foreign Language	3
		18		*Natural Science	3
					18

### SOPHOMORE YEAR

Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	HED 221	Personal Health/Fitness OR	
IGS 200	Foundations of Cultures	3	PHE	P. E. Activity Courses	2
POS	Course 200-level or above	3	HIS	Course 200-level or above	3
SOC 203	Prin. of Sociology	3	IGS 201	Convergence of Cultures	3
	Elective	3	PSY	Course 200-level or above	3
		A feelong be		Elective	3
		15		Minor Course	3
				se of a low student-faculty ratio as	17

### **IUNIOR YEAR**

Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	**IGS	301, 302, 303, or 304	3
SOC 300	Statistics for the BSS	3	SOC 301	Research Methods for BSS	3
SOC 303	Cultural Anthropology	3	SOC 304	Race and Ethnic Relations	3
SOC 305	Contemporary Social Prob.	3	SOC	Elective 300/400-level	3
	Minor Course	10 see 3 m		Elective OR	
		15		Minor Course 300/400-level	3
		15			15

#### SENIOR YEAR

Fall		Hours	Spring		Hours
SOC 405	Sociological Theory	3	BSS 499	Senior Colloquium	3
SOC	Electives 300/400-level	6	SOC 403	Social Psychology	3
	Minor Courses	6	SOC	Elective 300/400-level	3
		1 175 miles 15		Minor Courses	6/

<sup>\*</sup>May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### THE DIVISION OF FINE ARTS

The Division of Fine Arts is comprised of the programs in Art, Music, Speech, Theatre, and Communications. Baccalaureate degree programs are offered in Studio Art and in Music Performance, and minors are offered in Art, Music, and Speech and Theatre. The arts broaden human potential and provide room for creativity and growth. The arts also enhance the quality of life and the development of cognitive and expressive skills. Through presentations such as concerts, theatre productions, art exhibitions, lectures, and workshops, the arts provide an aesthetic and cultural environment vital to academic life. The Division of Fine Arts prepares its majors for a variety of professions in the arts and related fields and gives them a foundation for graduate study.

The Division of Fine Arts supports the University's mission by providing liberal studies courses in art and music; by providing students with opportunities to develop and enhance effective oral and interpersonal communication skills for life in today's multicultural society; by providing professional services to public schools; and by preparing students to make significant contributions to society as fine arts educators, performers, and visual artists. The Division promotes teaching excellence through its maintenance of a low student-faculty ratio and its emphasis on performance-based goals.

### ART

The Division of Fine Arts offers a Bachelor of Arts degree in Studio Art, and in cooperation with the Division of Education and Human Services in the College of Professional Studies, the coursework necessary for teacher certification in Art Education. Details of the teacher certification program may be found in the Division of Education and Human Services subsection of the College of Professional Studies section of this Catalogue.

Art courses at Kentucky State University are designed to serve both those students who are interested in Art as a profession and those who are primarily interested in obtaining knowledge of various art forms or opportunities for creative expression. Course offerings include those in drawing, painting, printmaking, photography, film, commercial arts, design, sculpture, ceramics, weaving, interior design, art history, and art education.

Students have the option of pursuing either a major in Studio Art with a minor or a major in Studio Art with one area of specialization. Art areas of specialization may be selected from art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving.

Studio Art Major with a Minor: This major is for students who desire a liberal arts education with a general background in the visual arts. The program consists of 51 semester credit hours in studio and art history courses, an academic minor outside of Art, 6-9 semester credit hours of free electives, and the Liberal Studies Requirements. The required Art courses are ART 110, 112, 113, 201, 202, 211, 360 (x3), and 400; 15 semester credit hours in the Art core to be selected from ART 220, 240, 245, 305, 306, 307, 310, 315, or 317 (of which 9 semester credit hours must be selected from 300/400-level courses); a 3 semester credit hour art history elective; and 12 semester credit hours of 300/400-level courses in Art elective courses. The major requires a total of 132 semester credit hours.

Studio Art Major with One Area of Specialization: This major is for students who want a stronger foundation in Art with specialized study in one area of Art and with additional Art courses replacing the minor. The program consists of 67 semester credit hours of studio and art history courses, 7 semester credit hours of free electives, and the Liberal Studies Requirements. A minor is not required. The required Art courses are ART 110, 112, 113, 201, 202, 211, 360 (x3), and 400; 18 semester credit hours in the Art core to be selected from ART 220, 240, 245, 305, 306, 307, 310, 315, or 317 (of which 12 semester credit hours must be selected from 300/400-level courses); 24 semester credit hours of 300/400-level Art elective courses (of which 12 semester credit hours must be selected from one area of specialization); and 6 semester credit hours of art history electives at the 300-level. The major requires a total of 130 semester credit hours. Students who intend to do graduate work in Art should pursue this option.

**Studio Art Minor:** This is a non-teaching minor. A minor in Studio Art requires the completion of 21 semester credit hours. Specific course requirements include ART 110, 112, 113, 201, and 202; and 6 semester credit hours of studio art electives at the 200-level or above.

Enrollment in studio art courses is generally limited to 10-15 students. The instructor provides personal guidance and attention to each student. Studio spaces are available for students to have individual working areas.

Studio and academic opportunities are enriched for Art majors by field trips to galleries and museums and by a series of guest lecturers brought to the University. In addition, Jackson Hall Gallery hosts local, regional, and national art exhibitions for the entire University.

The nature of the study of Art at Kentucky State University requires the stipulation of certain regulations. They are as follows:

- Studio Art Courses. For each studio semester credit hour, two hours of work in class plus a minimum of one hour outside of class are required per week.
- Art Exhibits. All Art majors are expected to attend the opening of each campus exhibit sponsored by the Art Area.
- Sophomore Review. While enrolled in the fourth semester of the Art curriculum, each student must present examples of his or her art work from each of the studio art areas for review by members of the Art faculty. After this review the Art faculty will advise the student whether upper-level courses may be taken.

- Senior Review and Exhibit. Each Art major's work
  is reviewed during the senior year by a committee of
  Art faculty members to ascertain whether the work
  is of sufficient quality to warrant a public exhibit. If
  a student's work does not pass the review, it must be
  resubmitted. Art majors are required to have a public,
  on-campus exhibit of their art work prior to
  graduation.
- Graduates. Each Art graduate will be asked to donate a piece of art to the University's permanent art collection.
- Non-Art Majors. Non-Art majors may take any introductory Art course and any advanced Art course for which prerequisites are waived by the instructor of the course.
- Art Education Majors. An Art Education major must comply with all of the above stated regulations and those stipulated elsewhere in this Catalogue in the College of Professional Studies section.

### Suggested Curriculum BACHELOR OF ARTS IN STUDIO ART (Minor Required) Total Hours: 132

FRESHMAN YEAR

	Hours	Spring		Hours
Two-Dimensional Design	3	ART 110	Basic Drawing I	3
	3	ART 113	Three-Dimensional Design	3
	3	ENG 102	English Composition II	3
	3	HIS 103	Western Civilization	3
		SPE 103	Interpersonal Commun.	3
	2		ng had upografia nashrita shiaka s	15
	3			
baggian ar an armon harm	17			
	Two-Dimensional Design Intro. to Art Life Science English Composition I Personal Health/Fitness OR P. E. Activity Courses Interm. Algebra or above	Two-Dimensional Design 3 Intro. to Art 3 Life Science 3 English Composition I 3 Personal Health/Fitness OR P. E. Activity Courses 2 Interm. Algebra or above 3	Two-Dimensional Design Intro. to Art Iii ART 110 Intro. to Art Iii ART 113 Life Science English Composition I Personal Health/Fitness OR P. E. Activity Courses Interm. Algebra or above  3 ART 110 ART 110 ART 110 SPE 103 ART 110 SPE 103 ART 110 SPE 103 ART 110 SPE 103	Two-Dimensional Design  Intro. to Art  Life Science  English Composition I  Personal Health/Fitness OR  P. E. Activity Courses  Interm. Algebra or above  ART 110  Basic Drawing I  ART 113  Three-Dimensional Design  English Composition II  HIS 103  SPE 103  Western Civilization  SPE 103  Interpersonal Commun.

### SOPHOMORE YEAR

Fall		Hours	Spring		Hours
ART 201	Art History Survey I	3	ART 202	Art History Survey II	3
ART 211	Basic Drawing II	3	ART 360	Art Symposium	1
*ART	Art Core	3	*ART	Art Core	3141 201115 3
ENG 211	Intro. to Literature	3	IGS 201	Convergence of Cultures	ambula = 3
IGS 200	Foundations of Cultures	3		Foreign Language	3
100 200	Foreign Language	3		**Natural Science	3
	of the stood management and visual	18			16

### **JUNIOR YEAR**

Fall		Hours	Spring		Hours
*ART	Art Core	3	ART 360	Art Symposium	1
***ART	Art Elective	3	***ART	Elective	3
IGS 300	New Forms of Culture	3	ECO 200	Survey of Economics OR	
PSY 200	General Psychology OR		POS 101	American Government	3
SOC 203	Prin. of Sociology	3	****IGS	301, 302, 303, or 304	3
Minor Courses		6		Minor Courses 300/400-level	6
		18			16

### SENIOR YEAR

Fall		Hours	Spring		Hours
ART 400	Senior Seminar	ed in A1	ART 360	Art Symposium	1
***ART	Art Elective	3	*ART	Art Core	6
ART	Art History Elective 300-level	3	***ART	Art Elective	3
ANI	Elective 300/400-level	3		Elective 300/400-level	3
	Minor Courses 300/400-level	6		Elective or Minor Course	3
		16			16

\* May be selected from ART 220, 240, 245, 305, 306, 307, 310, 315, or 317 (9 semester credit hours must be selected from 300/400-level

courses).

\*\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*\* Art electives may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving (300/400-level)

\*\*\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### Suggested Curriculum BACHELOR OF ARTS IN STUDIO ART (One Area of Specialization Required) Total Hours: 130

FRESHMAN YEAR						
	ED	CCU	N / A	NI	VE	D

	FRESHM	AN YEAR		
	Hours	Spring		Hours
Two-Dimensional Design	3	ART 110	Basic Drawing I	3
Intro. to Art	3	ART 113	Three-Dimensional Design	3
Life Science	3	ENG 102	English Composition II	3
English Composition I	3		Western Civilization	3
Personal Health/Fitness OR				3
	2		ugolah Peliting Tidanes ti an dat	
	3			15
	17			
a applied course apuragit deidy.	SOPHOM	ORE YEAR		
	Hours	Spring		Hours
Art History Survey I			Art History Survey II	3
				1
				6
				3
		100 =01		3
			Totelgit Language	P. HIN CANDING
	Company of the compan			16
		DVEAD		
				School upper
rectal, and they are evaluated in			cos arm par via ibatha bar say (costabl)	Hours
				lubinus 1
	3			3
Art History Elective	of bourlain			3
	3			3
	property-dre	****IGS	301, 302, 303, or 304	3
Prin. of Sociology	3		******Natural Science	3
	18			16
	SENIO	R YEAR		
ion), I semester arealt hour of Mil	Hours	Spring		Hours
Senior Seminar	Efsemble)	ART 360	Art Symposium	relend 1
Art Core	3	*ART	Art Core	3
Art Elective	3	**ART	Art Elective	3
Art History Elective		***ART	Area of Specialization	3
300-level	3		Elective	4
Area of Specialization	3			
Tired of Specialization				
Elective	3			14
	Intro. to Art Life Science English Composition I Personal Health/Fitness OR P. E. Activity Courses Interm. Algebra or above  Art History Survey I Basic Drawing II Art Core Intro. to Literature Foundations of Cultures Foreign Language  Art Elective Art History Elective 300-level New Forms of Culture General Psychology OR Prin. of Sociology  Senior Seminar Art Core Art Elective Art History Elective Art History Elective	Two-Dimensional Design Intro. to Art Life Science English Composition I Personal Health/Fitness OR P. E. Activity Courses Interm. Algebra or above  Art History Survey I Basic Drawing II Art Core Intro. to Literature Foundations of Cultures Foreign Language  Art History Elective 300-level New Forms of Culture General Psychology OR Prin. of Sociology  Senior Seminar Art Core Art Elective Art Core Senior Seminar Art Core Art Elective Art History Elective 300-level Senior Seminar Art Core Art Elective Art History Elective 300-level Senior Seminar Art Core Art Elective Art History Elective 300-level Art History Elective 300-level	Two-Dimensional Design         3         ART 110           Intro. to Art         3         ART 113           Life Science         3         ENG 102           English Composition I         3         HIS 103           Personal Health/Fitness OR         SPE 103           P. E. Activity Courses         2           Interm. Algebra or above         3           Art History Survey I         3           Basic Drawing II         3           Art Core         3           Intro. to Literature         3           Foreign Language         3           Foreign Language         3           Art Core         3           Art Elective         3           Art History Elective         3           Art History Elective         3           Art Gore         3           Art History Elective         3           Art Gore         3           Art Gore         3           Prin. of Sociology         3           Brospring           Senior Seminar         1           Art Core         3           Art Core         3           Art Core         3           Art Core	Two-Dimensional Design Intro. to Art Intro. to Intro.

\* May be selected from ART 220, 240, 245, 305, 306, 307, 310, 315, or 317 (12 semester credit hours must be selected from 300/400-level courses).

\*\* Art electives may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving (300/400-level courses).

\*\*\* Area of specialization may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving (300/400-level

courses).
\*\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*\*\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

### **MUSIC**

The Area of Music offers two baccalaureate degree programs accredited by the National Association of Schools of Music (NASM): the Bachelor of Music in Performance and the Bachelor of Music Education. The Music Education degree coursework, which leads to teacher certification and is accredited by the National Council for Accreditation of Teacher Education (NCATE) and by the Kentucky Department of Education, is offered in conjunction with the Division of Education and Human Services in the College of Professional Studies. Interested students should refer to that section of this Catalogue for complete degree requirements.

A major in Music Performance requires the successful completion of the University's Liberal Studies Requirements, 82-83 semester credit hours of Music courses, and 9 semester credit hours of free elective courses. Students seeking admission into this program are required to perform a qualifying audition before registration in any major applied coursework and possibly during or before the fall semester of the freshman year. Upon acceptance, students must select a concentrated area of study (on an instrument or in voice) in preparation for careers in music performance and studio teaching. Because of the vigorous preparations required to become a fully-trained and functioning musician, summer session coursework and possibly an additional academic year of study may be required toward the completion of all curricular requirements.

### Liberal Studies Requirements

Each music student must complete all University Liberal Studies Requirements except ART 130 (Introduction to Art) and MUS 130 (Introduction to Music).

### Music Placement and Proficiency Examinations

Placement examinations and auditions are given during registration week of the fall and spring semesters in music theory, piano, and applied music (principal instrument or voice) to all entering students intending to declare a major in Music. All prospective Music majors who do not pass the Music Theory Placement Examination must enroll in MUS 099 (Fundamentals of Music).

Music students with principal applied areas other than piano must demonstrate proficiency on the Piano Placement Examination during their first semester of matriculation and before registration for any piano coursework. All Performance and Music Education majors who do not pass the Piano Placement Examination must enroll in the class piano sequence (MUS 110, 111, 210, and 211) until successful completion of the placement examination, at which time they may matriculate in the required music minor applied piano sequence (MUS 120, 220, 320, and 420) for a total of 4 semester credit hours. Additionally, during matriculation through the minor applied piano

sequence, students must demonstrate sufficient piano skills by successfully completing the Piano Proficiency Examination.

### Major Areas of Performance

Each music student is required to designate a principal performance area of major applied music study and must enroll in the performance area each semester for credit until recital requirements are completed. Students may also earn credit in secondary performance areas (minor applied). Changes in the principal applied music area or degree program may be made only with the consent of the Music faculty.

The semester credit hour requirements for applied music courses vary, depending upon the music degree program in which the student is enrolled. Each student enrolled in an applied music course is required to practice at least one hour per day for each semester credit hour being earned. All performance majors are required to complete 21 semester credit hours of major applied music courses (MUS 161, 162, 261, 262, 361, 362, 461, and 462) as well as register for Applied Music Laboratory, in conjunction with major applied studies each semester. Music faculty adhere to strict attendance polices for Applied Music Laboratory. Failure of any student to adhere to the attendance policies may result in the failure to successfully complete the applied music course and possible expulsion from the degree program.

### **Instrumental Emphasis**

Performance majors with instrumental emphasis are required to complete 3 semester credit hours of minor applied elective courses (MUS 120, 220, 320, or 420) in addition to 12 semester credit hours of ensemble participation. Instrumental ensemble requirements are 4 semester credit hours of MUS 385 (Wind Ensemble) or MUS 382 (Symphonic Band), 4 semester credit hours in the appropriate instrumental chamber music ensemble (MUS 387-Woodwind, MUS 355-Brass, or MUS 389-Percussion), 1 semester credit hour of MUS 355 (Jazz Ensemble), 1 semester credit hour of MUS 358 (Instrumental Commercial Music Ensemble), and 2 semester credit hours of MUS 381 (Marching Band).

### **Vocal Emphasis**

Performance majors with vocal emphasis are required to complete 1 semester credit hour of MUS 336 (Phonetics and Diction), 1 semester credit hour of MUS 350 (Accompanying), and 2 semester credit hours of minor applied elective courses (MUS 120, 220, 320, or 420), in addition to 12 semester credit hours of ensemble participation. Vocal ensemble requirements are 4 semester credit hours of MUS 311 (Opera/Musical Theatre Workshop), 1 semester credit hour of MUS 357 (Vocal Commercial Music Ensemble), 3 semester credit hours of MUS 383

(Small Vocal Ensemble), and 4 semester credit hours of MUS 386 (Concert Choir).

### **Electives and Pedagogy Courses**

Students may elect to repeat any ensemble course as a part of their 9 semester credit hours of free electives. Additionally, all Vocal Performance majors must register and complete MUE 342 (Voice Pedagogy). Keyboard performance majors are required to register for MUE 349 (Keyboard Pedagogy).

### Music Seminars, Juries, and Recitals

The Area of Music at Kentucky State University realizes that student recitals are an integral part of the music educational process, and faculty are committed to the highest possible standards in all such performances. Regular attendance at seminars, concerts, and recitals sponsored by the Area of Music is required as part of the laboratory experiences of applied music instruction. Therefore, all Music majors must register for applied studies and laboratories each semester. Attendance records are kept by faculty members and failure to attend laboratories, concerts, and recitals may result in the failure of the accompanying applied music course and expulsion from the degree program.

Students majoring in Music must perform before a jury at the end of each semester except when preparing for the senior recital, and they are evaluated in their performance area by the Music faculty. Evaluations are used to determine satisfactory progress in applied music study.

All Music majors performing recitals must enroll for credit in a recital course and pass a recital hearing approved by the Faculty Jury/Recital Committee. This hearing must be given a minimum of four weeks prior to the scheduled recital. Music Performance majors are required to perform a Junior Recital (MUS 399) and a Senior Recital (MUS 499). Music Education majors are required to perform a Senior Recital (MUS 499).

### Other Recitals

The Area further realizes that students will matriculate through its applied music sequence who do not choose the option of majoring in Music. These students may opt to perform either a junior or senior recital as evidence of the progress which has been made as a result of such applied music instruction. Although students may be non-majors, standards and requirements are no less stringent, and all such recitals must be sanctioned by the Area of Music. Furthermore, all non-majors performing recitals must enroll for credit in and pass a recital hearing approved by the Area Faculty Jury. This hearing must be given a minimum of four weeks prior to the scheduled recital depending upon the applied music level. Non-majors must register for either the Junior Recital (MUS)

399) or a Senior Recital (MUS 499) course and are prohibited from performing any such recital during the freshman or sophomore level applied music instruction.

### Support Courses in Music

Music theory is the basis and foundation of any serious study of music. Kentucky State University's music theory program is competency-based, including an intensive study of analysis, composition, sight-singing, ear training (dictation and critical listening), and keyboard instruction as related to theory. The music theory program is organized in an historical sequence and students are required to complete a total of 16 semester credit hours of courses in this area (MUS 101, 102, 201, 202, and 301). Students with an instrumental emphasis take MUS 303 (Orchestration) and MUS 403 (Arranging); students with a vocal emphasis take MUS 403 (Arranging). Additional requirements are the music history and literature sequence (MUS 321, 322, 324, 326, and 327); the conducting sequence (MUE 353-Choral Conducting and MUE 354-Instrumental Conducting); 2 semester credit hours of a limited Music elective; and 3 semester credit hours of a performance literature elective, for a total of 37 semester credit hours of support courses in Music.

### **Music Theory Laboratory**

The purpose of Music Theory Laboratory is to reinforce class instruction in music theory courses (MUS 101, MUS 102, MUS 201, and MUS 202), enabling each student, through working with tape-recorded listening exercises, to develop basic music theory competencies. Specific competencies to be mastered include aural recognition of musical intervals, modes, scales, triads, rhythmic and metric patterns; one- to four-part dictation (harmonic and contrapuntal); and basic analytical skills. Competency assessments in the areas of sight-singing, ear training (dictation), analysis, keyboard theory, and critical listening are administered to each student during and at the end of each course in the freshman and sophomore theory sequence. Students are not permitted to advance to the next music theory course without having first mastered the required competencies.

### Minor in Music Performance

A minor in Music Performance requires the completion of 21 semester credit hours. Specific course requirements include MUS 101 and 102 (Music Theory); MUS 321 and 322 (Music History); 2 semester credit hours of minor applied piano; MUS 120, 220, 320, and 420 (Minor Applied elective); and 3 semester credit hours in music ensemble courses. Although not required, it is recommended that students who choose to minor in Music Performance elect MUS 130 (Introduction to Music) as their Liberal Studies Requirements elective in fine arts.

### Suggested Curriculum BACHELOR OF MUSIC IN PERFORMANCE (Instrumental Option) Total Hours: 140-141

### FRESHMAN YEAR

Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ENG 102	English Composition II	3
ENG 101	English Composition I	3	HIS 103	Western Civilization	3
MAT 110	Interm. Algebra or above	3	MUS 102	Music Theory 1450-1650	3
	Music Theory to 1450	3	MUS 162	Major Applied II/Lab	2
	Minor Applied (Piano)	1	*MUS 220	Minor Applied (Piano)	n serA ed 1
	Major Applied I/Lab	2	MUS 382	Symphonic Band OR	
	Marching Band	Kur etmohi 1	MUS 385	Wind Ensemble	1
WIC5 501	With Ching During	Vintage cells in		**Natural Science	acut desh 3
		16			16

		SOPHOMO	ORE YEAR		
Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	HED 221	Personal Health/Fitness OR	
IGS 200	Foundations of Cultures	3	PHE	P. E. Activity Courses	2
MUS 201	Music Theory 1650-1820	3	IGS 201	Convergence of Cultures	3
MUS 261	Major Applied III/Lab	2	MUS 202	Music Theory 1820-1900	3
*MUS 320	Minor Applied (Piano)	med Lake 14	MUS 262	Major Applied IV/Lab	2
MUS 381	Marching Band		MUS 382	Symphonic Band OR	
SPE 103	Interpersonal Commun.	3	MUS 385	Wind Ensemble	noine 1
SI L 100	Foreign Language	3	*MUS 420	Minor Applied (Piano)	and and
	I halvened as at all he with a rest	domond Table	PSY 200	General Psychology OR	
		19	SOC 203	Prin. of Sociology	3
				Foreign Language	3
					18

### **JUNIOR YEAR**

Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	****IGS	301, 302, 303, or 304	3
MUS 301	Form and Analysis	2	MUE 353	Choral Conducting	1
MUS 303	Orchestration	2	MUS 322	Music History 1685-1900	3
MUS 321	Music History to 1685	3	MUS 327	Music Lit. 1685-1900	3
MUS 326	Music Lit. to 1685	Aboli Mag	MUS 362	Major Applied VI/Lab	3
MUS 361	Major Applied V/Lab	end other 3	MUS 382	Symphonic Band OR	
***MUS	Chamber Ensemble		MUS 385	Wind Ensemble	1
MUS	Minor Applied Elective	ni admiatriski lar	MUS 399	Junior Recital	1
WICS	winter Applied Elective		***MUS	Chamber Ensemble	1
		18	#MUS	Elective	2
				的神经 医红线线性 机间接性 化拉特尼亚	10

### SENIOR YEAR

Fall .		Hours	Spring		Hours
-	Keyboard Pedagogy	. 1	MUS 324	20th Century Music	2
MUE 354	Inst. Conducting	1	MUS 382	Symphonic Band OR	
MUS 328	Piano Literature OR		MUS 385	Wind Ensemble	1
MUS 330	Inst. Literature	3	MUS 462	Major Applied VIII/Lab	3
MUS 355	Jazz Ensemble	an/198	MUS 499	Senior Recital	1
MUS 358	Inst. Comm. Mus. Ens.	EVE 102	***MUS	Chamber Ensemble	101 118
MUS 403	Arranging	2	MUS	Minor Applied Elective	101 11
MUS 461	Major Applied VII/Lab	41/		Electives	9
***MUS	Chamber Ensemble	M15 162		Music Theory to 1430	18
MUS	Minor Applied Elective	*MIJS 220			OKT SOM
POS 101	American Government OR				
ECO 200	Survey of Economics	3			

\* Piano majors will select an appropriate vocal or instrumental minor applied based on their interest and levels of proficiency.

\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*\* Students are required to enroll in the appropriate Instrumental Chamber Music Ensemble (MUS 387-Woodwind, MUS 388-Brass, or MUS 389-Percussion).
\*\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS

304 (The African-American Experience)
# Must be taken from the Music Theory, Music History, or Composition sequences.

## Any music performance student whose applied area is piano or organ must also take MUE 349 (Keyboard Pedagogy).

### Suggested Curriculum BACHELOR OF MUSIC IN PERFORMANCE (Vocal Option) **Total Hours: 140**

### FRESHMAN YEAR

MUS 161	Life Science English Composition I Interm. Algebra or above Music Theory to 1450 Minor Applied (Piano) Major Applied I/Lab Concert Choir	Hours 3 3 3 1 2 1	MUS 162	English Composition II Western Civilization Music Theory 1450-1650 Major Applied II/Lab Minor Applied (Piano) Concert Choir **Natural Science	Hours 3 3 3 2 1 1 3
MUS 386	Concert Choir	16			16

### SOPHOMORE YEAR

T. 110 2000		Hours	Spring		Hours
Fall	Intro. to Literature	3	HED 221	Personal Health/Fitness OR	res sal
ENG 211	Foundations of Cultures	3	PHE	P. E. Activity Courses	and to MC 2
IGS 200		Lesomora motili	IGS 201	Convergence of Cultures	3
MUS 201	Music Theory 1650-1820	lar colli tato mign	MUS 202	Music Theory 1820-1900	3
MUS 261	Major Applied III/Lab	1	MUS 262	Major Applied IV/Lab	2
*MUS 320		1	MUS 386	Concert Choir	1
MUS 386	Concert Choir	3	*MUS 420	Minor Applied (Piano)	1
SPE 103	Interpersonal Commun.	3	PSY 200	General Psychology OR	
	Foreign Language		SOC 203	Prin. of Sociology	3
		19	30°C 200	Foreign Language	3
				Review Landings	18

### **IUNIOR YEAR**

Fall IGS 300 MUE 342 MUS 301 MUS 311 MUS 321	New Forms of Culture Voice Pedagogy Form and Analysis Opera/Music Theatre Workshop Music History to 1685	Hours 3 1 2 1 3	3 ***IGS 301, 302, 303, or 304 1 MUE 353 Choral Conducting 2 MUS 311 Opera/Music Theatre Works 1 MUS 322 Music History 1685-1900	Choral Conducting Opera/Music Theatre Workshop	Hours 3 1 1 3 3 3
MUS 326 MUS 336 MUS 350 MUS 361	Music Lit. to 1685 Phonetics and Diction Accompanying Major Applied V/Lab	3 1 1 3	MUS 362 MUS 383 MUS 399 #MUS	Major Applied VI/Lab Small Vocal Ensemble Junior Recital Music Elective	1 1 2 —————————————————————————————————
		18			10

### SENIOR YEAR

Fall '		Hours	Spring		Hours
MUE 354	Inst. Conducting	1	MUS 311	Opera/Music Theatre Workshop	1
MUS 311	Opera/Music Theatre Workshop	1	MUS 324	20th Century Music	2
MUS 328	Piano Literature OR		MUS 357	Voc. Comm. Mus. Ens.	1
MUS 329	Vocal Literature	3	MUS 383	Small Vocal Ensemble	1
MUS 383	Small Vocal Ensemble	1	MUS 462	Major Applied VIII/Lab	3
MUS 403	Arranging	2	MUS 499	Senior Recital	1
MUS 461	Major Applied VII/Lab	4	MUS	Minor Applied Elective	1
MUS	Minor Applied Elective	1		Electives	9
POS 101	American Government OR			SUDMINO TO STORM SHE WITH THE OF OUR WITH	19
ECO 200	Survey of Economics	3			19
	400-level are required who plaquid	16			

\* Piano majors will select an appropriate vocal or instrumental minor applied based on their interest and levels of proficiency.

\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

# Must be taken from the Music Theory, Music History, or Composition, sequences.

### SPEECH, COMMUNICATION, AND THEATRE

The Area of Speech, Communication, and Theatre seeks to develop an awareness of the methods and techniques necessary for the continual improvement of human communication as a social and professional tool. Courses are designed to help students understand the methods and techniques used by the media systems, to assist students in their understanding and appreciation of cultural heritages, and to help them develop strong and healthy relationships.

The University has two theaters and several rehearsal rooms for classes and private practice, which serve as

laboratories for instruction and facilities for Universitysponsored theatrical productions.

A minor in Speech and Theatre requires the completion of 18 semester credit hours in addition to SPE 103 from the Liberal Studies Requirements. Specific course requirements include SPE 200 and 315; THE 204 and 210; and the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level courses in Speech, Communication, or Theatre. Approval of the area advisor is necessary for the selection of these electives.

<sup>\*\*\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### THE DIVISION OF LITERATURE, LANGUAGES, AND PHILOSOPHY

Every culture expresses its most profound values and concerns in the form of stories, songs, historical narratives, dramatic rituals, lyrical expressions, and imaginative statements.

Thus, the study of literature includes not only works of the imagination but the whole of our written heritage. It includes political writings such as the *Federalist Papers* and the urgent speeches of Frederick Douglass. It includes historical works such as Gibbon's *Decline and Fall of the Roman Empire* and such philosophical works as those of Descartes and John Stuart Mill. It includes the artful imaginings of poets and the prose of scientific investigators like Lavoisier and Neils Bohr. Literature includes every form of verbal expression that is valued for the significance of its ideas and for the particular and diverse ways in which those ideas are expressed.

In this tradition, Kentucky State University's Division of Literature, Languages, and Philosophy offers coursework in periods of literature, in composition and linguistics, on individual authors and genres, in foreign languages, and in philosophy. The Division offers the Bachelor of Arts degree in English and certification in English Education. Details of the latter may be found in the subsection of this Catalogue on the Division of Education and Human Services in the College of Professional Studies section.

Academic minors are offered in English, French, Spanish, and Philosophy; and courses are offered in German, Japanese, and Russian. Every course offered by the Division emphasizes writing, and students are encouraged to take an active part in classroom discussion. Coursework in foreign languages emphasizes written and spoken communication skills, and efforts are made to confront students with the complex relationships that exist between literary traditions and the historical and cultural contexts out of which these traditions arise. Coursework in philosophy addresses fundamental questions about the nature and possibility of knowledge, problems of ethics, questions about the nature of reality, and issues that arise in the making and criticism of works of art.

### **ENGLISH**

Students who have earned below a grade of "C" in any English course will not be permitted to major or minor in English. A committee of English faculty will review the work of prospective English majors/minors and will

make a recommendation regarding their acceptance into the program. Each student must have the approval of the Chairperson of the Division of Literature, Languages, and Philosophy before officially being accepted as a major or minor in English. To graduate from the program, each student must complete a comprehensive English examination, which is given in the senior year.

### **Student Competencies**

To receive a Bachelor of Arts degree in English or a minor in English, students must be able to

- express themselves effectively in written English;
- think critically and analytically;
- demonstrate knowledge of literature representing a variety of literary forms, figures, and periods;
- demonstrate knowledge of the fundamentals of literary analysis;
- demonstrate general knowledge of the history of the English language, linguistic theories, and standard English grammar; and
- demonstrate knowledge of research techniques and use of the library.

### Major in English With a Dual Major

To satisfy the requirements for the Bachelor of Arts degree in English with a dual major, students must complete a total of 128 semester credit hours with a minimum of 36 semester credit hours in English coursework. These semester credit hours must include ENG 213, 312, 322, 323, 324, 325, 337 or 341, 410, 411, and 499; at least 6 semester credit hours of electives from English courses at the 300/400-level; at least 30 semester credit hours in the second academic major; and 9 semester credit hours of free electives.

### Major in English Without a Minor

To satisfy the requirements for the Bachelor of Arts degree in English without a minor, students must complete a total of 128 semester credit hours with a minimum of 36 semester credit hours in English coursework. These semester credit hours must include ENG 213, 312, 322, 323, 324, 325, 337 or 341, 410, 411, and 499; at least 6 semester credit hours of English electives at the 300/400-level; and 39 semester credit hours of electives in related fields, including at least 6 semester credit hours at the 300/400-level.

### Major in English With a Minor

To satisfy the requirements for the Bachelor of Arts degree in English with a minor outside English, a student must complete a total of 128 semester credit hours with a minimum of 36 semester credit hours in English coursework. These semester credit hours must include ENG 213, 312, 322, 323, 324, 325, 337 or 341, 410, 411, and 499; at least 6 semester credit hours of English electives at the 300/400-level; at least 18 semester credit hours in a minor outside of English; 18 semester credit hours of electives; and 3 additional semester credit hours of minor or elective courses. A total of 45 semester credit hours at the 300/400-level are required for graduation.

### Minor in English

A minor in English requires the completion of 21 semester credit hours. Specific course requirements include ENG 213, 312, 322 or 323, 324 or 325, 410, and 411; and 3 semester credit hours selected from any English course at the 300/400-level. In addition to the above courses, a teaching minor in English requires the completion of 24 semester credit hours including ENG 260. These requirements are in addition to ENG 101, 102, and 211.

# Suggested Curriculum BACHELOR OF ARTS IN ENGLISH WITH A DUAL MAJOR Total Hours: 128

FRESHMA	NY	EAR
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Fall BIO 101 ENG 101 MAT 110 SPE 103	Life Science English Composition I Interm. Algebra or above Interpersonal Commun. Foreign Language	Hours 3 3 3 3 3 3 15	Spring ART 130 MUS 130 ENG 102 HIS 103	Intro. to Art OR Intro. to Music English Composition II Western Civilization Foreign Language *Natural Science	3 3 3 3 3 3
		15			15

### SOPHOMORE YEAR

Fall ENG 211 HED 221 PHE IGS 200 PSY 200 SOC 203	Intro. to Literature Personal Health/Fitness OR P. E. Activity Courses Foundations of Cultures General Psychology OR Prin. of Sociology Electives	Hours 3 2 3 6	Spring ECO 200 POS 101 ENG 213 IGS 201	Survey of Economics OR American Government Advanced Composition Convergence of Cultures Elective Second Major Course	Hours  3 3 3 3 3 15
	on must make suthern and Beauty	177			

### JUNIOR YEAR

Fall ENG 312 ENG 322 ENG 324	World Literature Survey British Lit. I Survey American Lit. I	Hours 3 3 3 3	3 ENG 323 3 ENG 325	Survey British Lit. II Survey American Lit. II American Novel OR English Novel	3 3 3
IGS 300	New Forms of Culture Second Major Course	3 15	**IGS	301, 302, 303, or 304 Second Major Courses	3 6 18

### SENIOR YEAR

Fall ENG 410 ENG 499 ENG	Linguistics English Capstone Electives 300/400-level Second Major Courses	3 3 3 6	Spring ENG 411 ENG	Shakespeare Electives 300/400-level Second Major Courses	Hours 3 3 12 18
		15			

# Suggested Curriculum BACHELOR OF ARTS IN ENGLISH WITHOUT A MINOR Total Hours: 128

### FRESHMAN YEAR

		FRESHM	AN YEAR		
Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
MAT 110	Interm. Algebra or above	3	ENG 102	English Composition II	3
SPE 103	Interpersonal Commun.	3	HIS 103	Western Civilization	3
	Foreign Language	3		Foreign Language	3
		15		*Natural Science	3
		15			les (IC <del>S) pr</del>
				ic (g) students with interest in	15
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	ECO 200	Survey of Economics OR	
HED 221	Personal Health/Fitness OR		POS 101	American Government	3
PHE	P. E. Activity Courses	2	ENG 213	Advanced Composition	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
PSY 200	General Psychology OR	/ Certifice	phylosophic	Electives	6
SOC 203	Prin. of Sociology	3		PRODUCTION OF THE PROPERTY SECURITIES	
	Electives	6			15
		17			
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
ENG 312	World Literature	3	ENG 323	Survey British Lit. II	3
ENG 312	Survey British Lit. I	3	ENG 325	Survey American Lit. II	3
ENG 324	Survey American Lit. I	3	ENG 323	American Novel OR	3
IGS 300	New Forms of Culture	3	ENG 337 ENG 341	English Novel	000 501
103 300	Electives	6	**IGS		3
	Electives		IGS	301, 302, 303, or 304 Electives	3 6
		18		Electives	
					18
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
ENG 410	Linguistics	3	ENG 411	Shakespeare	. 3
ENG 499	English Capstone	3	ENG	Electives 300/400-level	3
ENG	Electives 300/400-level	3		Electives	9
	Electives 300/400-level	6			
		<u> </u>			15
		15			

<sup>\*</sup> May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

<sup>\*</sup> May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

## Suggested Curriculum BACHELOR OF ARTS IN ENGLISH WITH A MINOR Total Hours: 128

		FRESHM	IAN YEAR		
Fall		Hours	Spring		Hour
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
MAT 110	Interm. Algebra or above	3	<b>ENG 102</b>	English Composition II	3
SPE 103	Interpersonal Commun.	3	HIS 103	Western Civilization	3
	Foreign Language	3		Foreign Language	3
	Foreign Languagutation			*Natural Science	3
		15			15
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		- Hours
ENG 211	Intro. to Literature	3	ECO 200	Survey of Economics OR	
HED 221	Personal Health/Fitness OR		POS 101	American Government	3
PHE	P. E. Activity Courses	2	ENG 213	Advanced Composition	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
PSY 200	General Psychology OR			Electives	6
SOC 203	Prin. of Sociology	3		General Psychology Okt William	III P. Today
	Electives	6			15
		17			
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
ENG 312	World Literature	3	ENG 323	Survey British Lit. II	3
ENG 322	Survey British Lit. I	3	ENG 325	Survey American Lit. II	3
ENG 324	Survey American Lit. I	3	ENG 337	American Novel OR	500 322
IGS 300	New Forms of Culture	3	ENG 341	English Novel	3
	Minor Courses	146 063	**IGS	301, 302, 303, or 304	3
		2.35W		Minor Courses	6
		18		Saloton Source Control	
					18
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
ENG 410	Linguistics	3	ENG 411	Shakespeare	3
ENG 499	English Capstone	3	ENG	Electives 300/400-level	3
ENG	Electives 300/400-level	3		***Electives	6
	***Minor Courses	6		Elective or Minor Course	3
		15			15

\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* IGŚ 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*\* Six semester credit hours of electives or minor courses may be selected at the 300/400-level.

### MODERN FOREIGN LANGUAGES

Coursework in French, Spanish, German, and Japanese is offered by members of the faculty of the Division of Literature, Languages, and Philosophy. Coursework in foreign languages emphasizes instruction in the fundamentals of syntax, pronunciation, and idiomatic expressions. There is a four-way approach to teaching the foreign language (listening/comprehension, conversing, reading, and writing). Instruction takes place in both the classroom and the foreign language laboratory where students practice speaking and pronunciation and where they watch video material, films, or documentaries in the foreign language they study. Intermediate and upper-level courses stress the acquisition of communicative skills and cultural or literary information.

Students who pursue a baccalaureate degree are required to complete 6 semester credit hours of a foreign language (101 and 102) as part of the Liberal Studies Requirements, or to demonstrate elementary knowledge in a foreign language by making the necessary score on an AP examination or on a CLEP examination. (See the Catalogue section on Credit by Examination/ Certification and for Life Experience.) Foreign language proficiency examinations are also available to those who seek advanced placement in a foreign language or exemption from the foreign language requirement. (See the Catalogue subsection on Proficiency Examination Programs.)

Elementary foreign language courses 101 and 102 must be taken in sequence. Elementary courses (FRE 101/102 and SPA 101/102) are scheduled every semester. Elementary German courses (GER 101/102) and Conversational Japanese courses (JPN 171/172) are offered upon request by a sufficient number of interested students.

### Minor in a Modern Foreign Language

Students may satisfy requirements for an academic minor in either French or Spanish. For a minor in a foreign language, a student must complete a minimum of 18 semester credit hours in either language above the 100-level.

A minor in French requires the completion of 18 semester credit hours of coursework above the 100-level. Specific course requirements include FRE 201, 202, 311, 312, and either 301 and 302 -or- 322 and 413. FRE 201 and 202 must be taken in sequence.

A minor in Spanish requires the completion of 18 semester credit hours of coursework above the 100-level. Specific course requirements include SPA 201, 202, 311, 312, and either 301 and 302 -or- 403 and 404. SPA 201 and 202 must be taken in sequence.

### PHILOSOPHY

The academic study of philosophy is an important part of a liberal studies institution. Accordingly, Kentucky State University offers a minor in Philosophy through the Division of Literature, Languages, and Philosophy.

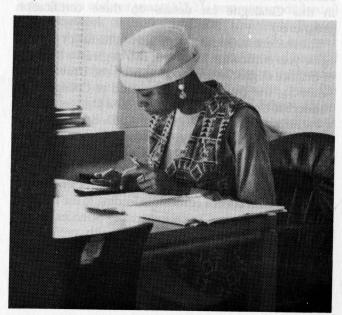
While the study of Philosophy can benefit any student, the minor is especially recommended for the following kinds of students: (a) students pursuing a pre-law curriculum, (b) prospective pre-health/medical professionals, (c) computer science majors, (d) majors in the humanities, (e) students in the Whitney M. Young, Jr. College of Leadership Studies, (f) students desiring to prepare for and excel in the Integrative Studies (IGS) sequence, and (g) students with interest in careers in theological schools and religious professions.

The Philosophy program at Kentucky State University offers courses in a variety of basic and specialized philosophical disciplines. The main thrusts of the program are the development of analytical and critical reasoning skills and a focus upon evaluating arguments for and against important contemporary and classical philosophical proposals.

The Philosophy program offers occasional colloquia featuring guest speakers and is closely tied to the Institute for Liberal Studies with its various scholarly and cultural activities.

### Minor in Philosophy

A minor in Philosophy requires the completion of 18 semester credit hours. Specific course requirements include PHI 200, 210, and 310; and the remaining 9 semester credit hours may be selected from PHI 330, 390, 400, or 490.



# THE DIVISION OF MATHEMATICS AND SCIENCES

Inquiry into the nature of physical phenomena is among the most persistent of human concerns. During the past century, the scope and pace of such inquiry have broadened and accelerated, and its influence on our civilization has become pervasive. The discoveries and consequences of scientific inquiry have profoundly affected the human race — both in daily life and in practically all domains of intellectual life.

The Division of Mathematics and Sciences believes that an understanding of mathematics and the sciences is an indispensable part of a sound education. Coursework in the Division provides students with instruction that addresses fundamental issues in the broad range of scientific inquiry. The Division seeks to instill in students an appreciation of critical thinking as well as knowledge of specific subjects. Students who decide to major in one of the disciplines of the Division undertake specialized study and research in their selected fields.

The Division offers majors in Applied Mathematics, Biology, Chemistry, Clinical Laboratory Sciences, and Mathematics. The major in Mathematics leads to a Bachelor of Arts degree, and the others lead to a Bachelor of Science degree. Minors are offered in Aquaculture, Biology, Chemistry, Mathematics, and Physics. The degrees in Biology and Mathematics may be obtained with certification to teach in public secondary schools. (See the Division of Education and Human Services subsection of the College of Professional Studies section in this Catalogue for details on these certification programs.)

The student majoring in Applied Mathematics pursues a five-year curriculum leading to two degrees: a Bachelor of Science degree in Engineering from the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, or Florida A & M University; and a Bachelor of Science Degree in Applied Mathematics from Kentucky State University. More information about this program may be found in the subsection describing the Mathematics offerings or by contacting the Chairperson of the Division of Mathematics and Sciences.

The Division offers a curriculum leading to the Bachelor of Science degree in Clinical Laboratory Sciences, as well as other programs related to the health professions. Students interested in medicine, dentistry, veterinary medicine, optometry, physical therapy, pharmacy, or other allied health fields should consult the Chairperson of the Division of Mathematics and Sciences or the

Pre-Health Professions Advisors. The following section of this Catalogue describing Allied Health offerings also contains information relevant to these fields.

### ALLIED HEALTH AND PRE-HEALTH PROGRAMS

### Allied Health

Allied Health offerings at Kentucky State University include pre-physical therapy, pre-cytotechnology, pre-nuclear medicine technology, and pre-community health. For these programs, the Division offers coursework that prepares the student for admission to upper-level courses at a cooperating institution. Depending on the program, the cooperating institution at this time is either the School of Allied Health at the University of Louisville or the University of Kentucky School of Allied Health.

### Medicine and Dentistry

The Division offers uniquely attractive programs for Kentuckians interested in entering medical or dental schools. The medical and dental schools of the University of Kentucky and the University of Louisville offer admission each year to a number of qualified Kentucky State University graduates not exceeding three percent of the professional schools' entering classes.

Kentucky State University students benefit from this arrangement because they compete for admission only with other qualified applicants from the University. No other college or university in Kentucky has been given this opportunity to establish such an advantageous program for its students.

The student must fulfill specific requirements to qualify for admission to a medical or dental school under this program. They include the following:

- Any major is acceptable, but students must complete at least one year of biology with laboratory, one year of general chemistry with laboratory, one year of organic chemistry with laboratory, one year of physics with laboratory, one year of college mathematics or one semester of calculus, one year of English, and other courses that will help assure success, such as those in advanced communication skills, logic or computer science, and psychology.
- A minimum grade-point average of 3.4 in all science courses and a minimum cumulative grade-point average of 3.4 are required for medical school. A

minimum grade-point average of 3.0 in all science course's and a cumulative grade-point average of 3.0 are required for dental school.

- At least 24 out of 40 points on the non-academic portion of the Total Performance Index are required. These points are determined by the medical schools in the following categories, each of which has a possible 10 points: humanitarian, cultural, and service activities; letters of recommendation from pre-medical advisors and others; interpersonal, group leadership; underrepresented minorities; special avocational, artistic, or other professional accomplishments; and residency in medically or dentally under-served areas of Kentucky.
- Students must take the Medical College Admission Test (MCAT) or Dental Admission Test (DAT) for reporting purposes; however, these examinations will not be used as admission criteria for students applying through the cooperative program.

Academic advisors at Kentucky State University work closely with pre-medical and pre-dental students to ensure that they fulfill all of the requirements for admission to professional schools.

Students desiring more information about these programs should consult the Chairperson of the Division of Mathematics and Sciences or the Pre-Health Professions Advisors as early in their academic careers as possible.

### Veterinary Medicine

No colleges or universities in the Commonwealth of Kentucky offer training in veterinary medicine. However, the Kentucky Council on Higher Education administers a Southern Regional Education Board Program in Kentucky through which qualified Kentucky resident students may be accepted to the veterinary medicine schools of Auburn University and Tuskegee University. (At the time of publication of this Catalogue, the Council had contracted for 36 entering spaces annually: 34 at Auburn and two at Tuskegee.)

Students accepted under the regional plan are relieved of the obligation of paying out-of-state fees, and their expenses are identical to those of in-state students.

Formal applications must be filed through the Council on Higher Education, which reviews these applications and submits those selected to Auburn or Tuskegee for admission approval.

Any student interested in veterinary medicine should have completed 80 semester credit hours of preprofessional training with a minimum grade-point average of 2.5; however, preference is given to those students who have satisfied the requirements for a baccalaureate degree.

Interested students should consult the Chairperson of the Division of Mathematics and Sciences or the Pre-Health Professions Advisors for further details and requirements.

### **Clinical Laboratory Sciences**

Clinical Laboratory Sciences is closely related to Biology. The Clinical Laboratory Sciences major receives classroom and laboratory training, as well as clinical experience, which qualifies him/her to seek careers or advanced training in microbiology, clinical chemistry, blood banking, or hematology. The clinical laboratory scientist is frequently sought for positions in sales and research, human and animal health-care facilities, education, hospital administration, or industry.

In addition to fulfilling the University's Liberal Studies Requirements, including BIO 111 and CHE 101 instead of other natural science requirements, the Clinical Laboratory Sciences major must complete BIO 210, 302, 403, 404, and 405; and 6-8 semester credit hours of electives selected from the following: BIO 301, 303, 307, or 309; CHE 203 or 314. The Clinical Laboratory Sciences major must earn a "C" or above in the following required support courses: CHE 101, 102, 201, 202, and 315; COS 100; MAT 120; and must complete 6 semester credit hours of free electives.

The Clinical Laboratory Sciences curriculum combines a minimum of three years (112-114 semester credit hours) of coursework at Kentucky State University (which awards the degree) with one calendar year (36 semester credit hours) of clinical training at an accredited hospital school of medical technology. The cooperating institutions at this time are the University of Louisville, Pikeville Methodist Hospital, and Meharry Medical School. Upon completion of the program (144-146 semester credit hours), the student will receive the Bachelor of Science degree in Clinical Laboratory Sciences.

### Suggested Curriculum BACHELOR OF SCIENCE IN CLINICAL LABORATORY SCIENCES Total Hours: 144-146

			med Losin		Hours
Fall		Hours	Spring	Compress Zoology	3
*BIO 111	Principles of Biology	4	BIO 210	General Zoology General Chemistry II	4
*CHE 101	General Chemistry I	4	CHE 102		3
ENG 101	English Composition I	3	ENG 102	English Composition II Personal Health/Fitness	2
HIS 103	Western Civilization	3	HED 221	Precalculus	4
MAT 115	College Algebra or above	3	MAT 120	Precalculus	-
	mman race — Belli in dady are a Aleggia di Isaansiada pinarodia	17			16
		SOPHOMO	ORE YEAR		
		Hours	Spring		Hours
Fall		4	CHE 202	Organic Chemistry II	4
BIO 302	General Microbiology	4	IGS 201	Convergence of Cultures	3
CHE 201	Organic Chemistry I	3	PSY 200	General Psychology	3
ENG 211	Intro. to Literature Foundations of Cultures	3	SPE 103	Interpersonal Commun.	3
IGS 200		3-4	KWa Milana	Elective	3
	**Elective Foreign Language	3		Foreign Language	3
		20-21			19
		JUNIO	R YEAR		
TATAL TO SERVICE		Hours	Spring		Hours
Fall	To the And OP	And Alberta	BIO 404	Hematology	4
ART 130	Intro. to Art OR	11/24/17 10/3	BIO 405	Medical Microbiology	4
MUS 130	Intro. to Music	3.0	CHE 315	Biochemistry	4
BIO 403	Immunology Intro. to Computers	3	***IGS	301, 302, 303, or 304	3
COS 100	New Forms of Culture	3		**Elective	3-4
IGS 300	Survey of Economics OR	minis Cileria			18-19
ECO 200 POS 101	American Government	3			
POS 101	Elective	3			
	Charles and the second	10			
		18			

### (Work to be completed at cooperating hospital school of medical technology)

		SENIOR	YEAR		
Fall BIO 490	Clinical Practicum	Hours 12	Spring BIO 490	Clinical Practicum	Hours 12
ann of the	Summer BIO 490	Clinical Practicu	-saikgajstsk um ogsåkaita	Hours	

### Optometry

Optometry is the profession of examining the eyes for defects and faults of refraction and prescribing corrective lenses or exercises.

The Commonwealth of Kentucky sponsors a program that enables 15 qualified pre-optometry students who are Kentucky residents to gain admission each year to the Southern College of Optometry in Memphis, Tennessee, and the optometry schools of Indiana University and the University of Alabama at Birmingham. Eight entering spaces are reserved at Southern, four at Indiana University, and three at the University of Alabama at Birmingham.

Applications for admission must be submitted two semesters in advance of completion of the pre-optometry requirements and will be acted upon if the transcripts show a reasonable possibility that all requirements will be met. Each applicant is required to take the Optometry Admission Test, which is designed to measure general academic ability and scientific knowledge. Students who have a baccalaureate degree with a major in a science field are often fully prepared for admission to the School of Optometry. Those with a degree in a non-science field may be required to take additional coursework.

### Suggested Curriculum PRE-OPTOMETRY Total Hours: 109-110

### FRESHMAN YEAR

les of Biology  Il Chemistry I  Composition I  Civilization  Algebra or above  ulus	4 4 3 3 3	Spring ART 130 MUS 130 BIO 210 CHE 102 ENG 102	Intro. to Art OR Intro. to Music General Zoology General Chemistry II	3 3 4
ll Chemistry I Composition I n Civilization e Algebra or above	3 3	BIO 210 CHE 102	General Zoology General Chemistry II	3
n Civilization e Algebra or above	3	CHE 102	General Chemistry II	
Algebra or above				4
	3	<b>ENG 102</b>		
n Algebra or above		135 Y 200	English Composition II	3
uius	4			17
	17			
	SOPHOMO	ORE YEAR		
	Hours	Spring		Hours
Anatomy			Human Physiology	4
	4			4
				3
	5 Y 208			4
	4		*Electives	4
	19			19
	JUNIOI	R YEAR		
	Hours	Spring		Hours
l Microbiology	4		301, 302, 303, or 304	3
	3			3
				3
				3
			*Elective	3
	3		Foreign Language	3
	19-20			18
	n Anatomy ic Chemistry I ations of Cultures us I s/Bio. Science I  al Microbiology to Computers forms of Culture al Psychology we in Language	SOPHOMO  Hours  A Anatomy  A C Chemistry I  A Ations of Cultures  A B Bio. Science I   JUNION  Hours  A Microbiology  A Computers  Forms of Culture  A Psychology  A A A A A A A A A A A A A A A A A A A	SOPHOMORE YEAR  Hours Spring 3 BIO 303 6 Chemistry I 4 CHE 202 6 ations of Cultures 6 I 5 PHY 208 6 Spring 7 I 5 PHY 208 7 I 6 PHY 208 8 I 6 PHY 208 8 I 6 PHY 208 8 I 7 I 7 I 7 I 7 I 7 I 7 I 7 I 7 I 7 I	Hours Spring  Anatomy C Chemistry I Actions of Cultures  B I I I I I I I I I I I I I I I I I I

May be selected from BIO 307, BIO 404, BIO 405, or BIO 408.

NOTE: The professional portion of the curriculum will be completed at an accredited institution which will grant the degree or certificate.

<sup>\*</sup> Satisfies the Liberal Studies Requirements for Natural Science. \*\* May be selected from BIO 301, BIO 303, BIO 307, BIO 309, CHE 203, or CHE 314. \*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

<sup>\*\*</sup> IGŚ 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### Pharmacy

Pharmacy is the profession of providing direct input into overall patient drug management. The pharmacist reviews updated patient medication profiles on a daily basis, makes rounds with teams, provides drug information, assists during emergency situations, and instructs pharmacy residents in direct provision of clinical services. The inpatient pharmacy employs a computerized unit dose drug distribution system, a hospital-wide intravenous admixture program, and satellite pharmacies in Intensive Care Units and Hemotology-Oncology Units.

In order to be admitted, students must meet the following admission requirements: 1) have a minimum cumulative grade-point-average of 3.0 or above (on a 4.0 scale); 2) have a minimum cumulative grade-point-average of 3.0 or above in all science courses; 3) have completed the Pharmacy College Admission Test (PCAT) and score at least 300 (out of a possible 600). NOTE: The student is permitted to take the PCAT three times. Interested students should maintain close contact with the Division's Pre-Health Professions Advisors or the Chairperson of the Division of Mathematics and Sciences.

### Suggested Curriculum PRE-PHARMACY Total Hours: 104-106

FRESHMAN YEAR

Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR		BIO 210	General Zoology	3
MUS 130	Intro. to Music	3	CHE 102	General Chemistry II	4
BIO 111	Principles of Biology	4	<b>ENG 102</b>	English Composition II	3
CHE 101	General Chemistry I	4	HIS 103	Western Civilization	3
ENG 101	English Composition I	3	MAT 120	Precalculus	4
MAT 115	College Algebra or above	3			17

### SOPHOMORE YEAR Hours Spring

Fall		Hours	Spring		Hours
BIO 301	Human Anatomy	3	<b>BIO 303</b>	Human Physiology	4
BIO 302	General Microbiology	4	CHE 202	Organic Chemistry II	4
CHE 201	Organic Chemistry I	4	<b>ENG 211</b>	Intro. to Literature	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
PHY 207	Physics/Bio. Science I	4	PHY 208	Physics/Bio. Science II	4
		18			18

#### **JUNIOR YEAR**

Fall		Hours	Spring		Hours
COS 100	Intro. to Computers	3	**IGS	301, 302, 303, or 304	3
IGS 300	NEW FORMS OF CULTURE	3	<b>PSY 300</b>	Statistics for the BSS	3
PSY 200	General Psychology	3		*Electives	6-8
SOC 203	Prin. of Sociology	3		Foreign Language	3
	*Elective	4		All Colleges and Landson Colleges Colle	15-17
	Foreign Language	3			15-17
		19			

\* May be selected from BIO 220, BIO 404, BIO 408, or CHE 315.

NOTE: The professional portion of the curriculum will be completed at an accredited institution which will grant the degree or certificate.

### **Physical Therapy**

Physical therapy is a profession dealing with the development and administration of programs of care to restore motor function, relieve pain, and prevent disability in individuals whose abilities are threatened by disease, injury, loss of a body part, or condition existing at birth. Evaluation includes performing and evaluating tests to determine the extent of injury, the cause of dysfunction, and the selection of appropriate therapeutic procedures.

The baccalaureate degree program in physical therapy is taught at the senior level requiring 2-3 years of preprofessional education for admission.

In order to be admitted, students must meet the following admission requirements: 1) have a minimum

cumulative grade-point-average of 2.5 or above (on a 4.0 scale); 2) have a minimum cumulative grade-point-average of 2.5 or above in the natural sciences; 3) complete four of seven required semesters of science and mathematics by date of application; 4) complete all prerequisite science and mathematics courses with a minimum grade of "C" or above; 5) show evidence of 25 clock hours of work or volunteer experience related to physical therapy or patient care; 6) have the physical ability to perform tasks required of physical therapists; and 7) have a personal interview with the admission committee. Interested students should maintain close contact with the Division's Pre-Health Professions Advisors or the Chairperson of the Division of Mathematics and Sciences.

### Suggested Curriculum PRE-PHYSICAL THERAPY Total Hours: 104-105

FRESHMAN YEAR

### Hours Spring 4 BIO 210 General Zoology

BIO 111	Principles of Biology	4	BIO 210	General Zoology	3
CHE 101	General Chemistry I	4	CHE 102	General Chemistry II	1 emilia o
ENG 101	English Composition I	3	ENG 102	English Composition II	o mosphaga
HIS 103	Western Civilization	3	PSY 200	General Psychology	staubau 3
MAT 115	College Algebra or above	3	SPE 103	Interpersonal Commun.	3
		17			16
		SOPHOMO	ORE YEAR		

		SOPHOM	ORE YEAR		
Fall ART 130	Intro. to Art OR	Hours	Spring BIO 220	Medical Terminology	Hour
MUS 130	Intro. to Music	3	ECO 200	Survey of Economics OR	a tuoloista
BIO 301	Human Anatomy	3	POS 101	American Government	3
ENG 211	Intro. to Literature	3	HED 221	Personal Health/Fitness	2
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
PHY 207	Physics/Bio. Science I	4	PHY 208	Physics/Bio. Science II	101 4
	Foreign Language	3		Foreign Language	3
		19			17

		JUNIO	R YEAR		
Fall COS 100 IGS 300 PHE 331 PSY 410	Intro. to Computers New Forms of Culture Kinesiology Biomechanics Physiological Psychology *Electives	Hours 3 3 4 3 5-6	Spring BIO 303 **IGS PHE 330 SOC 203	Human Physiology 301, 302, 303, or 304 Physiology of Exercise Prin. of Sociology *Elective	Hours 4 3 4 3 3 17

\* May be selected from ADM 100, ADM 103, BIO 304, EDU 221, FNU 104, HED 107, HED 321, PHE 324, or PSY 300.

NOTE: The professional portion of the curriculum will be completed at an accredited institution which will grant the degree or certificate.

<sup>\*\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

<sup>\*\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### BIOLOGY

Biology is the scientific study of living systems. The importance of biology in today's world is self-evident. Biology instruction at Kentucky State University provides students with a basic knowledge of the field. The curriculum includes study of viruses, bacteria, animals, plants, gene regulation, and theoretical and practical ecology. Students are encouraged to master basic principles of scientific inquiry while familiarizing themselves with the traditional aspects of a sound liberal education.

The Division of Mathematics and Sciences offers programs leading to the Bachelor of Science degree in Biology, with and without teacher certification. Details on the former may be found elsewhere in this Catalogue in the subsection on the Division of Education and Human Services of the College of Professional Studies section. Minors in Biology and Aquaculture are also offered.

### Major in Biology

The Biology curriculum is well-suited for the student who plans to enter the workforce immediately upon graduation or intends to continue his/her course of study in graduate, medical, or dental school. The student who majors in Biology must complete a minimum of 138 semester credit hours, including the University's Liberal Studies Requirements (with BIO 111 in place of BIO 101) and the following 29-32 semester credit hour Biology core course requirements: BIO 210, 212, 301, 302, 303, 307, 401, 408, 410, and 416; and at least 11 semester credit hours of Biology electives selected from BIO 304, 305, 308, 309, 310, 403, 404, 405, or 410. The Biology major must earn a "C" or above in the core courses and in the following required 37 semester credit hours of support courses: CHE 101, 102, 201, 202, and 315; MAT 120 and 201; and PHY 207 and 208. The program requires the completion of 6 semester credit hours of free electives and 3 semester credit hours of limited electives at the 300/400-level.

Students who intend to major in Biology are required to take BIO 111 and CHE 101 instead of other natural science electives of the Liberal Studies Requirements.

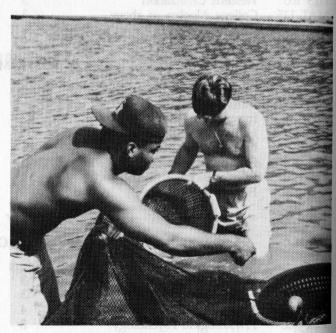
### Minor in Biology

A minor in Biology requires the completion of 21 semester credit hours in Biology. All except one of the courses must be selected from the Biology core requirements.

### Minor in Aquaculture

Aquaculture is the rearing of aquatic organisms under controlled or semi-controlled conditions. Interest in aquaculture has increased world-wide as fish consumption has increased concurrently with decreasing catches of wild fish. In Kentucky and the southern United States. aquaculture production focuses on raising freshwater species commercially. Aquaculture instruction at Kentucky State University will provide students with basic knowledge in fish nutrition and physiology as well as practical experience in aquaculture production of freshwater aquatic organisms such as catfish, paddlefish, freshwater shrimp, and others being studied at the University's aquaculture research facility. Courses in the minor are taught by faculty who are active researchers in the University's aquaculture program. The minor provides training sufficient to support further study at the graduate level and enough practical aspects for the student who plans to enter the work force immediately upon graduation.

A minor in Aquaculture requires the completion of 19 semester credit hours. Specific course requirements include BIO 250, 260, 311, 321, 406, and at least 1 semester credit hour of BIO 491.



### Suggested Curriculum BACHELOR OF SCIENCE IN BIOLOGY

of 6) 7		Total 1	Hours: 138	of Chemistry is concouncy with	
		FRESH	MAN YEAR		
Fall	qui larrobibbe sano eme bas o	Hours	Spring		dien teshel
*BIO 111	Fied of Biology	A Premium 4	ART 130	Intro. to Art OR	Hours
ENG 101	- Grant Composition 1	3	MUS 130	Intro to M.	DIE SKISVINI
HIS 103	Western Civilization	3	BIO 210		onu am 3 v
MAT 115	Ge Ingebia of above	3	BIO 212	C	
SPE 103	Interpersonal Commun.	3	<b>ENG 102</b>	General Botany  English Composition II	3 0
		16	HED 221		mbi nego 3
			PHE	P. E. Activity Courses	muli io viitini
			MAT 120	Precalculus	2 1
				The state of the s	4
					18
1015		SOPHOM	ORE YEAR		
Fall	Outside Chemistry P	Hours	Spring		
BIO 302	General Microbiology	4	**BIO	Elective	Hours
*CHE 101	General Chemistry I	4	CHE 102	General Chemistry II	Lorento 3
IGS 200	Foundations of Cultures	3	ENG 211	Intro. to Literature	avel 10 4
MAT 201	Calculus I	5	IGS 201	Convergence of Cultures	3
	Foreign Language	3		Foreign Language	3
		19	PSY 200	General Psychology	3
		TUNIO		,8)	
		,			19
		JUNIO	R YEAR		
Fall	Intro to Literature	Hours	Spring		
BIO 301	Human Anatomy	3	BIO 303	Human Physiology	Hours
BIO 307	Genetics	3	BIO 410	Spec. Prob. in Biology	4
CHE 201	Organic Chemistry I	4	CHE 202	Organic Chemistry II	2
IGS 300	New Forms of Culture	3	PHY 208	Physics/Bio. Science II	4
PHY 207	Physics/Bio. Science I	4		Elective	4 3
		17			
		SENIO			17
D-11		SENIOR	YEAR		
Fall	Physical Chemistry I	Hours	Spring		klours -
BIO 408 **BIO	Cell Biology	4	BIO 401	Biology Seminar	Hours
***IGS	Elective	4	BIO 416	Ecology	1
165	301, 302, 303, or 304	3	**BIO	Elective	3
	Elective	3	CHE 315	Biochemistry	4
	Elective 300/400-level	3	ECO 200	Survey of Economics OR	4
		17	POS 101	American Government	2 /

<sup>\*</sup> Satisfies the Liberal Studies Requirement for Natural Sciences.

\*\* May be selected from BIO 304, 305, 308, 309, 310, 403, 404, 405, or 410.

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS

### **CHEMISTRY**

The science of Chemistry is concerned with the structure, composition, and reactions of matter. Chemistry instruction at the University is designed to familiarize the student with current views of these concepts. The relevance of Chemistry is readily apparent, for the universe and the life forms it contains are chemical systems undergoing specific chemical reactions. To understand the universe and ourselves, it is necessary to understand the laws governing these chemical systems. A deeper knowledge of Chemistry is necessary to solve many of humanity's problems: feeding the hungry, healing the sick, and bettering living conditions in general. Coursework in Chemistry at Kentucky State University considers both experimental and theoretical topics and emphasizes their interdependence.

The Division of Mathematics and Sciences offers a 139 semester credit hour program leading to the Bachelor of Science degree in Chemistry. A minor in Chemistry is also offered. Students should note that, depending on his/her level of preparation, summer session coursework and possibly an additional academic year of study may be required.

### Major in Chemistry

The courses required for a major in Chemistry are CHE 101, 102, 201, 202, 203, 307, 308, 312, 314, and 315 (a total of 40 semester credit hours). The support courses required for a major in Chemistry are COS 101 and 110; MAT 201, 202, and 301; one additional upper-level Mathematics course; and PHY 211 and 212 (a total of 32 semester credit hours). The student must earn a grade of at least "C" in the support courses.

### Minor in Chemistry

A minor in Chemistry requires the completion of 20 semester credit hours. Specific course requirements include CHE 101, 102, 201, and 202; and the remaining 4 semester credit hours must be selected from CHE 203, 307, 312, or 315.

## Suggested Curriculum BACHELOR OF SCIENCE IN CHEMISTRY Total Hours: 139

### FRESHMAN YEAR

Fall		Hours	Spring		Hours
*BIO 111	Principles of Biology	4	ART 130	Intro. to Art OR	
*CHE 101	General Chemistry I	4	MUS 130	Intro. to Music	3
ENG 101	English Composition I	3	CHE 102	General Chemistry II	4
HED 221	Personal Health/Fitness OR		ECO 200	Survey of Economics OR	
PHE	P. E. Activity Courses	2	POS 101	American Government	3
HIS 103	Western Civilization	3	ENG 102	English Composition II	3
are summer		16	SPE 103	Interpersonal Commun.	3
		gringonigno			16
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
CHE 201	Organic Chemistry I	4	CHE 202	Organic Chemistry II	4
COS 101	Programming in BASIC	3	COS 110	Programming in FORTRAN	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
**MAT 201	Calculus I	5	MAT 202	Calculus II	5
	Foreign Language	3		Foreign Language	3
		18			18
		JUNIO	R YEAR	ent test (or equivalent) is a prere- ematics courses.	
Fall		Hours	Spring		Hours
CHE 203	Quantitative Analysis	4	CHE 314	Instrumental Analysis	4
ENG 211	Intro. to Literature	3	***IGS	301, 302, 303, or 304	3
IGS 300	New Forms of Culture	3	PHY 212	General Physics II	19 May 19 19 19 19 19 19 19 19 19 19 19 19 19
PHY 211	General Physics I	oranio b 5		Electives	6
PSY 200	General Psychology OR				18
SOC 203	Prin. of Sociology	3			
		18			
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
CHE 307	Physical Chemistry I	4	CHE 308	Physical Chemistry II	4
MAT 301	Multivariate Calculus	3	CHE 312	Inorganic Chemistry	4
MAT	Elective 300/400-level	3	CHE 315	Biochemistry	4
	Electives 300/400-level	6		Electives	7
		16			19

\* Satisfies the Liberal Studies Requirements for Natural Science.

\*\* Depending on Mathematics Placement Exam scores, the student may by required to enroll in one or more prerequisites courses.

\*\*\* GS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### MATHEMATICS AND PHYSICS

Knowledge of mathematical facts and procedures is indispensable to a satisfactory understanding of every field of science. This is true for both the physical and biological sciences, and even the humanities are influenced by the traditions of mathematical knowledge. Mathematical skills and processes are central to the development and practice of critical thought and expression. Physics is the science that seeks to employ mathematics to explain the universe and its phenomena. Courses in Mathematics and Physics at Kentucky State University are designed to integrate theoretical and practical topics.

The Division of Mathematics and Sciences offers degrees in Applied Mathematics (a double-degree, preengineering course of study) and in Mathematics. The latter may be with teacher certification, and details on this option may be found elsewhere in this Catalogue in the subsection on the Division of Education and Human Services of the College of Professional Studies section. Minors in Mathematics and Physics are also offered.

All students entering Kentucky State University who have not met the Liberal Studies Requirements for Mathematics (by a transfer course from another university or college) are given a Mathematics Placement Test. Students are placed in appropriate Mathematics courses on the basis of their performance on this examination. The placement test (or equivalent) is a prerequisite for some Mathematics courses.

### Applied Mathematics (Pre-engineering)

The Applied Mathematics (Pre-engineering) major is a five-year course of study offered jointly by Kentucky State University and four other universities. The student in this program attends Kentucky State University for three years of study in the pre-engineering area of his/her choice and then transfers to the second institution for two additional years of work. A student currently may

choose the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, or Florida A & M University. Upon successful completion of the first year at the second institution, the student is awarded the Bachelor of Science degree in Applied Mathematics by Kentucky State University. The student is awarded the bachelor of science degree in his/her selected field of engineering by the second institution after the final year of study.

The suggested curricula at the end of this subsection list the courses for the student who chooses the University of Kentucky for the final two years of study. Courses at the University of Maryland at College Park, Vanderbilt University, and Florida A & M University are similar, and more information may be obtained from the Preengineering Advisor. Note that each engineering specialization has its own curriculum. All cooperating universities offer degree programs in the following engineering fields: chemical, civil, electrical, and mechanical. In addition, the following specialities are offered at the indicated schools: aerospace (UM); agricultural (UK, UM); biomedical and environmental (Vanderbilt); fire protection (UM); materials, mining (UK); and transportation (Vanderbilt). Descriptions of courses required at the University of Kentucky, the University of Maryland at College Park, Vanderbilt University, and Florida A & M University may be found in those universities' catalogues. The total number of semester credit hours in the Applied Mathematics (Pre-engineering) curricula ranges from 137-144.

Students interested in engineering should note that, due to possible changes in the engineering accreditation standards and possible curriculum changes at the cooperating universities, some courses listed in the suggested curriculum ladders may change periodically. It is essential that students interested in engineering maintain close contact with the Pre-engineering Advisors in the Division of Mathematics and Sciences.

# Suggested Curriculum BACHELOR OF SCIENCE FOR THE DOUBLE-DEGREE ENGINEERING PROGRAM Applied Mathematics/Engineering (Work to be completed at Kentucky State University)

EDECHMANI VEAD

		FKESHWI	AN ICAN		
Fall		Hours	Spring		Hours
*CHE 101	General Chemistry I	4	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
HIS 103	Western Civilization	3	*CHE 102	General Chemistry II	4
MAT 201	Calculus I	5	ENG 102	English Composition II	3
PHE	P. E. Activity Course	1		Calculus II	5
PSY 200	General Psychology OR	of beninser of van	PHE	P. E. Activity Course	Empre 1
SOC 203	Prin. of Sociology	# 201 (englis) I	POS 101	American Government	3
	83	19			19

<sup>\*</sup> Satisfies the Liberal Studies Requirements for Natural Science.

Note: The University of Kentucky requirements listed are those in effect at the time of publication of this Catalogue (Fall, 1994).

## Suggested Curriculum AGRICULTURAL ENGINEERING (Work to be completed at Kentucky State University)

### SOPHOMORE YEAR

Fall		Hours	Spring		Hours
BIO 111	Principles of Biology	4	BIO 212	General Botany	3
COS 110	Programming in FORTRAN	3	COS 210	Adv. Programming in FORTRAN	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
MAT 210	Perspective on Mathematics	3	PHY 212	General Physics II	5
PHY 211	General Physics I	5	SPE 103	Interpersonal Commun.	3
	Foreign Language	3		Foreign Language	3
		21			20
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	ENG 211	Intro. to Literature	3
INT 101	Engineering Drafting I	3	*IGS	301, 302, 303, or 304	3
MAT 301	Multivariate Calculus	3	<b>MAT 303</b>	Differential Equations	3
MAT 315	Numerical Analysis OR		PHY 340	Electricity and Magnetism	4
MAT 321	Prob. and Statistics	3	PHY 361	Modern Physics	4
PHY 311	Statics	3		and and analysis of any	17
PHY 320	Thermodynamics	4			17
		19		is Scratisman	
	(Work to be co	mpleted at t	he University	of Kentucky)	
		SENIOI	VEAR	Plane Surveying	

#### SENIOR YEAR

Fall		Hours	Spring		Hours
<b>AEN 100</b>	Surveying	2011	<b>AEN 302</b>	Analy. Num. Methods AEN	3
<b>AEN 102</b>	AEN Problems	C <sub>1</sub> H 002		Intro. Design Agri. Mach.	3
<b>AEN 301</b>	Microelecronics AEN	3	<b>AEN 437G</b>	Soil/Water Conserv. Engin.	3
EE 305	Elect. Circuits/Electron.	3	EM 302	Mech. of Deformable Solids	3
EM 313	Dynamics	3	EM 303	Deformable Solids Lab	068 1M
ME 330	Fluid Mechanics	3	ME 325	Elements of Heat Transfer	3
	University Studies	C 3			16
		17			

#### FIFTH YEAR

Fall		Hours	Spring		Hours
AEN 400	Senior Seminar AEN	900 an	CIL WIG	Technical Electives	12
<b>AEN 401</b>	Design in AEN	4		University Studies	3
<b>AEN 427G</b>	Design Agri. Structures	3		Process Controlland Instrubell	50-45
	Processing & Food Engin.	3			15
	Technical Electives	0.00 H 3			UCC II/D
		14			

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

CME 470 Prof. Ethics & Safety

Elective

CME 550 Chem. Reaction Design

## Suggested Curriculum CHEMICAL ENGINEERING (Work to be completed at Kentucky State University)

### SOPHOMORE YEAR

		SOPHOMO	ORE YEAR		
Fall		Hours	Spring		Hours
CHE 201	Organic Chemistry I	4	CHE 202	Organic Chemistry II	4
COS 110	Programming in FORTRAN	3	COS 210	Adv. Programming in FORTRAN	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
MAT 210	Perspective on Mathematics	3	PHY 212	General Physics II	5
PHY 211	General Physics I	5		Foreign Language	3
Ohe Divi	Foreign Language	3		salty of Marye, in the Salt Ank	18
		21			
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
CHE 307	Physical Chemistry I	4	CHE 308	Physical Chemistry II	4
ENG 211	Intro. to Literature	3	*IGS	301, 302, 303, or 304	3
IGS 300	New Forms of Culture	3	MAT 303	Differential Equations	3
MAT 301	Multivariate Calculus	3	PHY 340	Electricity and Magnetism	4
PHY 311	Statics	3	PHY 361	Modern Physics	4
SPE 103	Interpersonal Commun.	3		ne Usivenih di Acidecko Jegi nive	18
		20			
	(Work to be co	ompleted at t	the University	of Kentucky)	
Four-Week	Intersession	Hours	Eight-Week	Summer Session	Hours
CME 205	Process Principles I	3	CME 210	Process Principles II	3
		SENIO	R YEAR	nd posible rupoulum chapter	
Fall		Hours	Spring		Hours
CME 101	Intro. to Chem. Engin.	11	CME 002	Engin. Profession	0
CME 320	Engin. Thermodynamics	3	CME 412	Stages Mass Trans. Process	2
EE 305	Elect. Circuits/Electron.	3	CME 420	Process Model Chem. Engin.	3
ME 330	Fluid Mechanics	3	CME 425	Heat & Mass Transfer	4
MSE 201	Materials Science	3		Technical Electives	3
	University Studies	3		University Studies	3
		16			15
		FIFTH	YEAR		
Fall		Hours	Spring		Hours
CME 431	Chemical Engin. Lab	2	CME 006	Engin. Profession	0
CME 455	Chem. Engin. Process I	3	CME 432	Chemical Engin. Lab	2
CME 462	Process Control	3	CME 456	Chem. Engin. Process II	4
ALDRED TELE			C) E 454		1

3

CME 471

CME 570

**CME** 

Seminar

Elective

Chem. Sep/Meas. Chem.

3

14

## Suggested Curriculum CIVIL ENGINEERING (Work to be completed at Kentucky State University)

### SOPHOMORE YEAR

Fall		Hours	Spring		Hours
COS 110	Programming in FORTRAN	3	COS 210	Adv. Programming in FORTRAN	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3 .
INT 101	Engineering Drafting I	3	PHY 212	General Physics II	5
PHY 211	General Physics I	5	SPE 103	Interpersonal Commun.	3
	Foreign Language	3		Foreign Language	3
	Elective	3		Elective	3
		20			20
		JUNIOI	R YEAR		
Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	<b>ENG 211</b>	Intro. to Literature	3
MAT 210	Perspective on Mathematics	3	*IGS	301, 302, 303, or 304	3
MAT 301	Multivariate Calculus	3	<b>MAT 303</b>	Differential Equations	3
MAT 315	Numerical Analysis OR		PHY 340	Electricity and Magnetism	4
MAT 321	Prob. and Statistics	3	PHY 361	Modern Physics	4
PHY 311	Statics	3		Electricity and integral agreement 15	17
PHY 320	Thermodynamics	4			17
		19			

### (Work to be completed at the University of Kentucky)

### SENIOR YEAR

Fall		Hours	Spring		Hours
CE 106	Computer Graphics & Commun.	3	CE 110	Plane Surveying	3
CE 121	Intro. Civil Engin. Systems	3	CE 303	Intro. Construction Engin.	3
CE 341	Fluid Mechanics I	3	CE 381	Civil Engin. Materials	3
EM 302	Mech./Deform. Solids	3	CE 441	Fluid Mechanics II	3
EM 303	Deformable Solids Lab	1	CE 451	Water Quality Engin.	3
GLY 240	Elem. Geology/Engineers	4		Technical Elective	3
		17			18
	Four-Week Inters	session		Hours	
	CE 215 Route	, Control	and		
		raphic S		Electronic Circuits 4	

### FIFTH YEAR

		111 111	ILAK		
Fall		Hours	Spring		Hours
CE 331	Transportation Engin.	3	CE 401	Seminar	1
CE 382	Structural Mechanics	3	CE 471G	Soil Mechanics	3
CE 421	Civil Engin. Systems Analy.	3		System Design Elective	4
CE 461G	Hydrology	3		Technical Electives	6
EM 313	Dynamics	3		University Studies	3
	Structures Elective	3		E/S Elective (A)(B) 18 sturesteM	17
		18			17

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum ELECTRICAL ENGINEERING (Work to be completed at Kentucky State University)

CO	DII	ON.	10	DE	YEA	L
50)	РΗ	UV	w	KE	ICA	Ľ

Fall COS 110 ENG 211 IGS 200 MAT 210 PHY 211	Programming in FORTRAN Intro. to Literature Foundations of Cultures Perspective on Mathematics General Physics I Foreign Language	Hours  3 3 3 3 5 3 20	Spring COS 210 IGS 201 PHY 212 SPE 103	Adv. Programming in FORTRAN Convergence of Cultures General Physics II Interpersonal Commun. Foreign Language	Hours 3 3 5 3 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
Fall IGS 300 MAT 301 MAT 315 MAT 321 PHY 311 PHY 320	New Forms of Culture Multivariate Calculus Numerical Analysis OR Prob. and Statistics Statics Thermodynamics	Hours 3 3 3 4 16	Spring *IGS MAT 303 PHY 340 PHY 361	301, 302, 303, or 304 Differential Equations Electricity and Magnetism Modern Physics	Hours 3 3 4 4 14

### (Work to be completed at the University of Kentucky)

Eight-Week Summer	Session	Hours
EE 211 Circuits I		4
EE 221 Circuits II		3
EE 222 Elect. Eng		2
ALLU Plane Surveys		9

				emissis and an arrangement	
		SENIO	R YEAR		
Fall EE 101 EE 415G EE 416G EE 481 EE 420G EE 461G	Elect. Engin. Prof. Seminar Magnetics/Electromech. I Energy Conversion Lab OR Logical Design Lab Elect. Engin Analysis I Electronic Circuits I E/S Elective (A/B)	Hours  1 3 2 3 3 3 15	Spring EE 280 EE 462G EE 468G	Design of Logic Circuits Elect. Engin. Lab II Fields and Waves E/S Elective (A/B) Technical Elective University Studies	Hours  3 2 3 3 3 17
		FIFTH	YEAR		A MESTER
Fall EE EE EE EE	Technical Elective Technical Elective Technical Elective E/S Elective (A/B)	Hours 3 3 3 3 12	Spring EE 499 EE EE	Elect. Engin. Design Technical Elective Technical Elective Support Elective University Studies	Hours 3 3 3 3 3 15

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures) IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum MATERIALS ENGINEERING (Work to be completed at Kentucky State University)

### SOPHOMORE YEAR

	Hours	Spring		Hours
Programming in FORTRAN	3		Adv. Programming in FORTRAN	3
Foundations of Cultures	3	IGS 201		3
Engineering Drafting I	3			5
Perspective on Mathematics	3			3
General Physics I	5	5		3
Foreign Language	3		Foresen Language	
	20			17
	JUNIO	R YEAR		
	Hours	Spring		Hours
Organic Chemistry I	4		Organic Chemistry II	4
Intro. to Literature	EDE 13	*IGS		3
New Forms of Culture	3	MAT 303		3
Multivariate Calculus	3			4
Numerical Analysis OR				4
Prob. and Statistics	3		a Themodynamics	
Statics	3			18
	19	he University		
	Foundations of Cultures Engineering Drafting I Perspective on Mathematics General Physics I Foreign Language  Organic Chemistry I Intro. to Literature New Forms of Culture Multivariate Calculus Numerical Analysis OR Prob. and Statistics	Programming in FORTRAN Foundations of Cultures Engineering Drafting I Perspective on Mathematics General Physics I Foreign Language  JUNION  Hours  Organic Chemistry I Intro. to Literature New Forms of Culture Multivariate Calculus Numerical Analysis OR Prob. and Statistics Statics  3  3  3  3  3  3  3  4  4  4  4  4  5  6  7  8  8  8  8  8  8  8  8  8  8  8  8	Programming in FORTRAN Foundations of Cultures Foundations of Cultures Foundations of Cultures Foreign Drafting I Foreign Language  JUNIOR YEAR  Hours Foreign Chemistry I Intro. to Literature Forms of Culture Multivariate Calculus Numerical Analysis OR Prob. and Statistics Statics  A COS 210 FOR 201  JUNIOR YEAR  Hours Spring CHE 202  A *IGS A MAT 303  MAT 303  PHY 340  PHY 361  PHY 361	Programming in FORTRAN Foundations of Cultures Engineering Drafting I Perspective on Mathematics General Physics I Foreign Language  Organic Chemistry I Intro. to Literature New Forms of Culture Multivariate Calculus Numerical Analysis OR Prob. and Statistics  3

### (Work to be completed at the University of Kentucky)

### SENIOR YEAR

Fall		Hours	Spring		Hours
CME 205	Process Principles I	018 2 M	CE 521	Engin. Economy	3
EM 302	Mech. of Deformable Solids	3 M	CME 210	Process Principles II	2
MSE 101	Material Engin.	ONE 1M	MSE 362	Struct./Prop. Materials II	4
MSE 102	Metals Technology	M1-344	MSE 451	Materials Thermodynamics	3
MSE 201	Materials Science	3	MSE 536	Ceramic Materials	3
MSE 361 MSE 450	Struct/Prop. Materials I Transport Phenomena for	4	STA 381	Intro. to Engin. Statist.	3
	Materials Engineers	3			18
		17			
FIFTH YE	AR Analy, w. Applici			Engin. Experiment II	
Fall		Hours	Coming		ME 347
EE 305	Elect. Circuits/Electron.	3	Spring MCE 250	Mine Systems E-RM Re-ARD W	Hours
MSE 535			MSE 359	Management Engineering	3
MSE	Mech. Prop. Materials	3	MSE 512	Electron. Materials/Process	3
MISE	Materials Elective	4	MSE 552	Polymeric Materials	3
	Support Elective	3	MSE	Materials Elective	3
	University Studies	3		University Studies	3
		16			15

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

## Suggested Curriculum MECHANICAL ENGINEERING

(Work to be completed at Kentucky State University)

### SOPHOMORE YEAR

Fall		Hours	Spring		Hours
COS 110	Programming in FORTRAN	3	COS 210	Adv. Programming in FORTRAN	3
ENG 211	Intro. to Literature	3	IGS 201	Convergence of Cultures	3
IGS 200	Foundations of Cultures	3	INT 101	Engineering Drafting I	3
MAT 210	Perspective on Mathematics	3	PHY 212	General Physics II	5
PHY 211	General Physics I	5		Foreign Language	3
A	Foreign Language	3		Foreign Language	17
		20			
		HINHOI	NEAD		
		JUNIO	K YEAR		
Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	*IGS	301, 302, 303, or 304	3
MAT 301	Multivariate Calculus	3	<b>MAT 303</b>	Differential Equations	3
MAT 315	Numerical Analysis OR		PHY 340	Electricity and Magnetism	4
MAT 321	Prob. and Statistics	3	PHY 361	Modern Physics	4
PHY 311	Statics	3	SPE 103	Interpersonal Commun.	3
PHY 320	Thermodynamics	4		Prob. and Statistics	17
		16			

### (Work to be completed at the University of Kentucky)

### SENIOR YEAR

Fall		Hours	Spring		Hours
EM 302	Mech. of Deformable Solids	3	ME 101	Orient. Mech. Engin.	1
EM 313	Dynamics managed managed	3	ME 310	Engin. Experiment I	3
ME 151	Manufacturing Engin.	3	ME 325	Elements of Heat Transfer	3
ME 321	Engin. Thermodynamics	3	ME 340	Intro. to Mech. Systems	3
ME 330	Fluid Mechanics	3	ME 344	Mech. Design	201 3
MSE 201	Materials Science	3		Technical Elective	3
	Elect Engin States or orini	18			16
		FIFTH	YEAR		
Fall		Hours	Spring		Hours
ME 311	Engin. Experiment II	3	EE 307	Circuit Analy. w/ Applic.	4
ME 347	Dynamic Analy. Design Prob.	3	ME 408	Safety Engin.	2
ME 407	Engin. Ethics	1	ME 412	Senior Design Project	3
ME 440	Design of Control Systems	3		Technical Elective	3
EGN III	Technical Elective	3		University Studies	3
	University Studies	3 M		Materials Elegated Laterday	15
	Materials Elective (guille) states Elective	16			

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### Suggested Curriculum MINING ENGINEERING (Work to be completed at Kentucky State University)

	SO	PHC	MORI	E YEAR
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	Fall COS 110 ECO 211 ENG 211 IGS 200 PHY 211	Programming in FORTRAN Prin. of Economics I Intro. to Literature Foundations of Cultures General Physics I Foreign Language	Hours 3 3 3 5 3	Spring COS 210 IGS 201 INT 101 PHY 212	Adv. Programming in FORTRAN Convergence of Cultures Engineering Drafting I General Physics II Foreign Language	Hours 3 3 3 5 3
		Totelsit Language	20			17
			JUNIOI	R YEAR		
	Fall		Hours	Spring		Hours
	IGS 300	New Forms of Cultures	3	*IGS	301, 302, 303, or 304	3
	MAT 210	Perspective on Mathematics	3	MAT 303	Differential Equations	3
	MAT 301	Multivariate Calculus	3	PHY 340	Electricity and Magnetism	4
	MAT 307	Linear Algebra OR		PHY 361	Modern Physics	4
	MAT 315	Numerical Analysis	3	SPE 103	Interpersonal Commun.	3
	PHY 311	Statics	3		Davidan I baganage	
]	PHY 320	Thermodynamics	4		File House	17
			19			

### (Work to be completed at the University of Kentucky)

### SENIOR YEAR

Fall		Hours	Spring		Hours
CE 100	Plane Surveying	3	CE 341	Fluid Mechanics	3
EM 302	Mech. of Deformable Solids	3	EM 313	Dynamics	3
EE 306	Electr. Circuits & Mach.	3	MNG 301	Minerals Processing	3
EM 303	Deformable Solids Lab	1		Minerals Processing Lab	1
GLY 240	Elem. Geology/Engineers	4		Mine Plant Machinery	3
MNG 121	Elements of Mining	3	STA 381	Intro. to Engin. Statist.	3
		17			16

#### Four-Week Intersession Hours CE 215 Route, Control and Topographic Surveying

### FIFTH YEAR

Fall	Topology	Hours	Spring	Real Analysis II	Hours
GLY 420G	Structural Geology	4	MNG 371	Seminar	1
	Mine Ventilation	3	MNG 431	Mine Systems Engineering	3
MNG 463	Surface Mining	3		Rock Mechanics	3
MNG 464	Underground Mining Oper.	3	MNG 562	Mine Design Project	3
	Technical Elective	3		Support Elective	3/
	University Studies	3		Technical Elective	3
		19			16

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

### Major in Mathematics

The requirements for the major in Mathematics are MAT 201, 202, 210, 301, 401, 403, and 411; MAT 402 or 404; and four additional Mathematics electives selected from MAT 303, 307, 312, 315, 321, 326, 402, 404, 415, or 460. On the basis of placement test scores, students may also be required to complete MAT 099, 115, or 120. Majors in Mathematics are required to complete, as support courses, two semesters of a computer language (both semesters must be in the same language) and PHY 211 and 212 with a grade of "C" or above in each of these courses. This curriculum requires a minimum of 40 semester credit hours of Mathematics and a total of 131-137 semester credit hours.

Details for Mathematics majors seeking teacher certification in public secondary schools may be found in the subsection on the Division of Education and Human Services of the College of Professional Studies section of this Catalogue.

### Minor in Mathematics

A minor in Mathematics requires the completion of 19 semester credit hours. Specific course requirements include MAT 201, 202, and 301; and the remaining 6 semester credit hours must be selected from 300/400-level Mathematics courses.

### Minor in Physics

A minor in Physics requires the completion of 20 semester credit hours. Specific course requirements include PHY 212, 311, 320, 340, and 361.

## Suggested Curriculum BACHELOR OF ARTS IN MATHEMATICS Total Hours: 131-137

### FRESHMAN YEAR

		INLOIM	ALL LEZZIA		
Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
COS	Computer Language Course	3	MUS 130	Intro. to Music	3
ENG 101	English Composition I	3	COS	Computer Language Course	3
HIS 103	Western Civilization	3	ENG 102	English Composition II	3
MAT 201	Calculus I	5	MAT 202	Calculus II	5
		17	SPE 103	Interpersonal Commun.	3
		complete 12			17
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
ECO 200	Survey of Economics OR	3	IGS 201	Convergence of Cultures	3
POS 101	American Government		MAT 210	Perspective on Mathematics	3
ENG 211	Intro. to Literature	3	PSY 200	General Psychology OR	
HED 221	Personal Health/Fitness OR		SOC 203	Prin. of Sociology	3
PHE	P. E. Activity Courses	2		Foreign Language	3
IGS 200	Foundations of Cultures	3		Electives	4-6
MAT 301	Multivariate Calculus	3			16-18
	Foreign Language	3			10-10
		17			
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	***IGS	301, 302, 303, or 304	3
*MAT	Electives	6	MAT 403	Real Analysis I	3
**PHY 211	General Physics I	5	*MAT	Elective	3
	Elective	3-4	PHY 212	General Physics II	5
		17-18		Elective	3-4
					17-18
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
MAT 401	Modern Algebra I	3	MAT 402	Modern Algebra II OR	
MAT 411	Topology	3	MAT 404	Real Analysis II	3
	Electives 300/400-level	10	*MAT	Elective	3
		16		Electives 300/400-level	8-10
		n en value Laber ben			14-16

<sup>\*</sup> Mathematics electives may be selected from MAT 303, 307, 312, 315, 321, 326, 402, 404, 415, or 460.

\*\* Satisfies the Liberal Studies Requirements in Natural Science.

<sup>\*\*\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# THE WHITNEY M. YOUNG, JR. COLLEGE OF LEADERSHIP STUDIES

A paramount function of education is the preparation of individuals to relate themselves comfortably to their fellow men. As long as people existed in a world where they were born, lived, and died in one little hamlet, never venturing more than ten miles from home, this preparation was unnecessary. But today, in an era of great mobility and interchange, of increasing contact with people of different colors, beliefs, and backgrounds, it is imperative to so educate our children.

- Whitney M. Young, Jr.

The Whitney M. Young, Jr. College of Leadership Studies, Kentucky State University's honors college, reflects the University's commitment to excellence in liberal studies education. The College is named after the late Whitney M. Young, Jr., executive director of the National Urban League from 1961 to 1971, distinguished leader of the American civil rights movement, and a graduate of Kentucky State University. The Whitney M. Young, Jr. College of Leadership Studies aims, through its special curriculum, to develop in its students the qualities of critical intelligence, maturity, and leadership exemplified by Mr. Young. In addition to the honors program, the College also administers the Institute for Liberal Studies, the Integrative Studies courses of the University's Liberal Studies Requirements, and the newly designed International Studies Program minor. The University Endowed Chair in the Humanities is also housed in the College.

### INSTITUTE FOR LIBERAL STUDIES

The Institute for Liberal Studies provides leadership in the continuous development and implementation of a comprehensive program in liberal studies. It seeks to enhance the mission of the University through academic and scholarly activities, focusing on the intellectual enrichment of faculty and students.

The numerous functions of the Institute for Liberal Studies include the production of an annual inter-disciplinary conference attracting scholars from all over the nation. The Institute publishes selected lectures which are made available to a broad readership that participates in the ongoing national debate on liberal studies. Finally, the Institute sponsors a summer institute designed to improve teaching in liberal studies areas.

The Institute for Liberal Studies was created to provide opportunities for developing activities which are of direct interest to the interdisciplinary community of scholars both at Kentucky State University and in the nation.

### **ENDOWED CHAIR**

An endowed chair is one of the most prestigious academic appointments a university can make. The creation of such a position indicates the maturity of an institution and demonstrates its commitment to scholarly activities and academic excellence. Kentucky State University established the Endowed Chair in the Humanities as a major component in the University's liberal studies thrust. Through its placement in the Whitney M. Young, Jr. College of Leadership Studies, the Endowed Chair helps bring a central focus to Kentucky State University's mission to be the Commonwealth's unique, small, liberal studies institution. The functions of the Endowed Chair at the University are unique to Kentucky and the nation in developing and implementing innovative and comprehensive programs of liberal studies.

### INTEGRATIVE STUDIES

Integrative Studies is a basic component of the 53 semester credit hour Liberal Studies Requirements. It elicits from faculty and students a commitment to analyze and interpret a body of knowledge that links the perennial questions of human life with the greatest works of history, literature, art, philosophy, and the sciences. It challenges faculty and students to view learning as an integrative process by suggesting conceptual bridges which span historical moments, cultural perspectives, and various disciplines of study.

Integrative Studies emphasizes critical and analytical ability in dealing with events, individuals, ideas, artifacts, and texts that have contributed to human achievements.

The program consists of seven seminars, four of which are required of all baccalaureate degree-seeking students not enrolled in the Whitney M. Young, Jr. College of Leadership Studies. Three of these courses (IGS 200, 201, and 300) are organized as a sequence, giving students the opportunity to encounter a variety of cultural and intellectual perspectives. The sequence begins with

ancient civilizations in Mesopotamia, Egypt, India, China, and Greece and extends to the 20th century. The fourth course required is selected by the student from courses exploring specific world cultures (IGS 301, 302, 303, or 304). In addition to those required courses, Integrative Studies also offers a Senior Seminar (IGS 499) for students who are interested in exploring a specific interdisciplinary theme. The program became an integral part of the curriculum in Fall 1983. Teachers from all disciplines are invited to participate.

With the exception of the students in the Whitney M. Young, Jr. College of Leadership Studies, all baccalaureate degree-seeking students must successfully complete 12 semester credit hours in Integrative Studies. The course requirements are IGS 200, 201, and 300; and one of the following: IGS 301, 302, 303, or 304.

The number of Integrative Studies semester credit hours required of transfer students varies in accordance with the number of transfer credit hours accepted by the University toward fulfillment of graduation requirements. The Integrative Studies requirements by number of transfer credit hours are the following:

- All students entering the University with 30 or fewer semester credit hours must successfully complete 12 semester credit hours of Integrative Studies.
- Students entering the University with more than 30 but fewer than 45 semester credit hours must successfully complete 9 semester credit hours of Integrative Studies.
- Students entering the University with more than 44 but fewer than 60 semester credit hours must successfully complete 6 semester credit hours of Integrative Studies.
- Students entering the University with more than 59 semester credit hours must successfully complete 3 semester credit hours of Integrative Studies.

Students who transfer with courses similar to the University's Integrative Studies offerings may be exempted from these courses, with the consent of the Coordinator of Integrative Studies or the Dean of the Whitney M. Young, Jr. College of Leadership Studies. These exemptions will be determined on an individual basis.

### **INTERNATIONAL STUDIES**

In view of the emergence of a new world order and of an increasing international interdependence, students at Kentucky State University need to be prepared to participate in this new world. They need to be exposed to an international curriculum, one which enables them to interact effectively with people from other countries, one which enables them to understand and appreciate a culture other than their own, and one which enables them to compete effectively in a global arena.

In view of the above, Kentucky State University offers a minor program in International Studies. A minor in International Studies requires the completion of 21 semester credit hours. To pursue an International Studies minor, the student must take a preliminary language proficiency test in French, Spanish, or (by petition) another language relevant to the focus area. The minor includes a course in geography (GEO 102) and a two-semester foreign language course sequence (FRE/SPA 375 and FRE/SPA 376, or another approved language) or demonstrated proficiency beyond the intermediate level. The remaining 12 semester hours for the minor are carefully selected from a list of approved courses emphasizing an international perspective. A complete list of approved courses and more information regarding the specific requirements of the minor are available from the Dean of the Whitney M. Young, Jr. College of Leadership Studies.

### LEADERSHIP STUDIES CURRICULUM

The curriculum in the Whitney M. Young, Jr. College of Leadership Studies is unique - there is none other quite like it in any public university in the nation. The Director of the National Endowment for the Humanities designated the Whitney M. Young, Jr. College of Leadership Studies as one of the five most innovative and promising liberal studies programs in the nation. It is one of twenty-three honors colleges in the United States listed by the National Collegiate Honors Council and has the second largest number of faculty among these honor colleges. The Whitney M. Young, Jr. College of Leadership Studies is committed to offering a stimulating, high quality, rigorous undergraduate education in liberal studies, preparing students for professional study in law, medicine, the ministry, or graduate school. Graduates of this program have gone on into education, business, computer science, law, and many other fields. Beyond questions of education for a career, the Whitney M. Young, Jr. College of Leadership Studies program develops skills of thinking and imagining that will help students deal with the fundamental questions of human existence, regardless of career goals.

Thus, in the common course of studies required of all students, the emphasis is on the careful reading and discussion of many of the most important books in literature, history, philosophy, theology, mathematics, and sciences. Classes are small. Students learn to read critically, to speak precisely, to write effectively, and to listen attentively by being required to do some or all of these things daily. The curriculum is designed not only to help students know, but to help them develop the skills they will need as they take their places in the adult world and in the worlds of the various professions.

While the Whitney M. Young, Jr. College of Leadership Studies is related to other "great books" programs throughout the country in its basic orientation, the curriculum at Kentucky State University is not a pale copy of ideas developed at private universities. The courses and curriculum in the Whitney M. Young, Jr. College of Leadership Studies have been developed and adapted to take advantage of the particular conditions at Kentucky State University, and this development is an ongoing process. Class size ranges from 10 to 15 in tutorials (language and mathematics-science courses) and up to 20 in seminars.

The course of studies in the first two years of the Whitney M. Young, Jr. College of Leadership Studies, taken in its entirety (48 semester credit hours), provides an alternate and brief way of fulfilling all of the University's Liberal Studies Requirements. Math and science majors complete only the seminars and language tutorials; the math/science component of the core is fulfilled by courses from the College of Arts and Sciences. For students using the Whitney Young College honors core to fulfill the University's Liberal Studies Requirements while pursuing a baccalaureate major that is not a Liberal Studies major, special curriculum ladders (not listed in this Catalogue) are available from advisors in the Whitney M. Young, Jr. College of Leadership Studies.

Students who major in Liberal Studies, who earn at least 128 semester credit hours, who successfully complete 39 semester credit hours in required WYC courses or approved liberal studies electives (with a grade of "C" or above) in their junior and senior years, who pass the Senior Comprehensive Examination, and who meet all other University requirements will receive a Bachelor of Arts degree in Liberal Studies.

Whitney M. Young, Jr. College of Leadership Studies students take part in all activities of the University, such as social and academic clubs, student government, choir, band, and intramural/intercollegiate athletics. Students have an opportunity to put the leadership skills that they learn in classes to practical use by serving on the Whitney Young College Student Council. The Council was originally created by student initiative and organizes ser-

vice and social events and acts as a forum for student suggestions and concerns.

### TEACHER EDUCATION PROGRAM

Students seeking teacher certification are encouraged to fulfill the University's Liberal Studies Requirements by successfully completing the 48 semester credit hour honors core through the Whitney M. Young, Jr. College of Leadership Studies. Please note that in addition to the 48 semester credit hour honors core, students seeking teacher certification must also enroll in HED 221 (Personal Health and Lifetime Fitness) to complete all requirements as outlined and approved by the Kentucky Department of Education. All other courses for certification will be taken through the Division of Education and Human Services of the College of Professional Studies, and/or the College of Arts and Sciences, as outlined in the major program. The 48 semester credit hour honors core fulfills the University's Liberal Studies Requirements for all the teacher education certification programs.

Whitney Young College students participating in the Teacher Education Program have advisors in both the College and the Division of Education and Human Services to ensure they take appropriate electives and develop an integrated and cohesive program of study.

### PRE-PROFESSIONAL PROGRAMS

Many Whitney Young College students plan careers in a pre-professional program. Each of these students benefits from an advisor in the College and in the pre-professional program. Most pre-law students and many pre-medical students remain in the College to complete a major in Liberal Studies. Engineering students, who finish their final two years at another university, are often able to complete both an Associate of Arts degree in Liberal Studies and a Bachelor of Science degree in Applied Mathematics from Kentucky State University, and the engineering degree from the cooperating university.



### WHITNEY YOUNG COLLEGE COURSES WHICH SATISFY ALL UNIVERSITY LIBERAL STUDIES REQUIREMENTS

Semester	WYC Honors Courses	Hours	Equiv. Liberal Studies Courses (Not Reciprocal)	Hours
	WYC 111 Lang. I Greek & English OR			
	WYC 115 Lang. I Latin & English	4	Foreign Language	Mediana and street 3
1	WYC 121 Math-Science I	4	Math Requirement	and belove beauties 3 or
	WYC 101 Liberal Studies Seminar I	4	IGS 200	1069 1000 8/100 / 5/3
	WYC 112 Lang. II Greek & English OR			frag insbute no evawa
	WYC 116 Lang. II Latin & English	4	Foreign Language	3
2	WYC 122 Math-Science II	4	Science Requirement	3
	WYC 102 Liberal Studies Seminar II	4	HIS 103	3
	WYC 211 Lang. III British Lit.	4	ENG 102	their sub o sub 3 n
	WYC 221 Math-Science III	000 4	Science Requirement	and a direction of the 3
3	WYC 201 Liberal Studies Seminar III	4	IGS 201	3
			SPE 103 *	3
			ENG 101 **	3
	WYC 212 Lang. IV Modern Lit. English	4	ENG 211	pinoe, ai tamanna beard. mana susmonal dan 3.2
	WYC 222 Math-Science IV	4	Science Requirement	3
4	WYC 202 Liberal Studies Seminar IV	4	IGS 300	3
			ART or MUS ***	3
			ECO or POS ****	3
			PSY or SOC *****	3

\*SPE 103 fulfilled through accumulation of 3 semester hours of credit from WYC 101, 102, and 201 (1 semester credit hour each).
\*\*ENG 101 fulfilled through accumulation of 3 semester hours of credit from WYC 111 or 115, 112 or 116, and 211 (1 semester credit hour each).

\*\*\*ART 130 or MUS 130 fulfilled through completion of WYC core.
\*\*\*\*ECO 200 or POS 101 fulfilled through completion of WYC core.
\*\*\*\*\*PSY 200 or SOC 203 fulfilled through completion of WYC core.

NOTE: All students completing the WYC core are exempt from the Health Education or Physical Education activity course(s) required by the University.

#### THE FRESHMAN YEAR

Liberal Studies Seminar I and II, WYC 101 and 102, 4 semester credit hours each semester, is the central course in the first year of studies. During a portion of the fall semester, students focus on the history of the ancient world from the dawn of civilization in Egypt and Mesopotamia to the fall of Athens. During a portion of the spring semester, students focus on the history of ancient Rome and the medieval period. The remainder of each semester is devoted to classroom discussion of representative books from each period. The instructor keeps the discussion focused, but the emphasis is always on student participation.

The Freshman Language Tutorial, WYC 111 and 112 or WYC 115 and 116, 4 semester credit hours each semester, has two components: 1) instruction in the

elements of the grammar of Greek or Latin with particular application to translation; and 2) an English writing component, emphasizing composition and rhetoric.

The Mathematics-Science Tutorial, WYC 121 and 122, 4 semester credit hours each semester, begins with the first great work in mathematics, Euclid's Elements, and continues with the study of other major works in the history of mathematics, astronomy, physics, and the philosophy of science.

Electives, 3-6 semester credit hours each semester, can be used for courses in such fields as business, computer science, English, or to begin a professional sequence of courses for areas such as engineering, medicine, dentistry, or law.

### THE SOPHOMORE YEAR

Liberal Studies Seminar III and IV, WYC 201 and 202, 4 semester credit hours each semester, is a continuation of the freshman seminars. A portion of the fall semester is devoted to the study of history from the Renaissance to the American Revolution. A portion of the spring semester is devoted to the study of modern history beginning with the French Revolution. The remainder of each semester is devoted to classroom discussion of representative books from each period. Again, the emphasis is always on student participation.

The Sophomore Language Tutorial, WYC 211 and 212, 4 semester credit hours each semester, deals with the history of English literature and the English language. The work of the first semester focuses on important literature of the medieval and early modern periods, while the second semester's texts are drawn from prose and poetry written since the 17th century. The second semester then moves beyond Britain to examine English language and literature as world phenomena. While the course content is some of the finest literature in the English language, attention is also paid to the quality of student writing as revealed in student essays which are frequently assigned.

The Mathematics-Science Tutorial, WYC 221 and 222, 4 semester credit hours each semester. The fall semester focuses on readings and laboratory exercises related to perhaps the greatest scientific treatise of all time, Newton's Principia. The spring semester focuses on readings and laboratory exercises pertaining to the Biological Revolution. Special attention is given to the writings of Darwin and to the discoveries of the genetic code in DNA.

Electives, 3-6 semester credit hours each semester, may be used for elective courses in a variety of fields. WYC courses offered as electives are: WYC 241 and 242, 3 semester credit hours each; WYC 251 and 252, 3 semester credit hours each; WYC 351, 3 semester credit hours; WYC 352, 3 semester credit hours; or any WYC preceptorial (WYC 331, 332, 431, or 432), 3 semester credit hours each.

### THE JUNIOR AND SENIOR YEARS

After the first two years in the Whitney M. Young, Jr. College of Leadership Studies, many students continue in the College to earn a Bachelor of Arts degree in Liberal Studies, often using it as preparation for study in law or graduate school or for entering a business training program. Some students choose other majors, such as psychology or computer science, while continuing to take WYC courses to earn a liberal studies minor. Other students take a major and a minor outside of the Whitney M. Young, Jr. College of Leadership Studies (i.e., Mathematics and English).

To satisfy the requirements for the Bachelor of Arts degree in Liberal Studies, a student must complete a minimum of 128 semester credit hours, including a mandatory minor. The required courses are WYC 301, 302, 311, 321, 401, and 421. In addition, the student must complete the Senior Essay (WYC 441) which may represent any academic discipline and is the basis for the Senior Comprehensive Examination. The remaining 12 semester credit hours may be selected from WYC 241, 242, 251, 252, 331, 332, 351, 352, 431, 432, or approved liberal studies electives from other colleges/schools.

### BACHELOR OF ARTS IN LIBERAL STUDIES (Student-designed major)

A student-designed curriculum leading to a Bachelor of Arts degree in Liberal Studies can be developed in the Whitney M. Young, Jr. College of Leadership Studies or in the College of Arts and Sciences. Information on requirements and policies can be found in the College of Arts and Sciences section of this Catalogue.

### MINOR IN LIBERAL STUDIES

A minor in Liberal Studies requires the completion of 18 semester credit hours. Specific course requirements include 8 semester credit hours selected from WYC seminars (WYC 301, 302, or 401); 4 semester credit hours selected from WYC tutorials (WYC 311, 321, or 421); 3-4 semester credit hours selected from WYC 241, 242, 251, 252, or any WYC course (not taken to satisfy a core requirement) at the 300/400-level; and 3 semester credit hours from any WYC course or from the following list of approved electives.

## LIBERAL STUDIES ELECTIVES ACCEPTABLE TOWARD A MAJOR OR MINOR IN THE WHITNEY M. YOUNG, JR. COLLEGE OF LEADERSHIP STUDIES

Theatre:

The courses listed below have been approved as acceptable electives toward a baccalaureate major or minor in Liberal Studies through the Whitney M. Young, Jr. College of Leadership Studies. The prerequisites for some of these courses have been waived or modified for Whitney Young College students completing a major or minor in the College. No more than 6 semester credit hours may be counted from any one discipline for the major requirements.

1 - 61 - 1	
Art:	ART 201, 202, 300, 302, 303, or 304
Biology:	Any 300/400-level BIO courses except BIO 490
Chemistry:	Any 300/400-level CHE courses
Economics:	ECO 321, 322, 323, 420, or 425
English:	ENG 265, 301, 302, 303, 337, 341, 352, 409, 410, 411, or 413
French:	FRE 301, 302, or 322
History:	Any 300/400-level HIS courses

	300/400-level courses
Music:	MUS 201, 202, 301, 321, 322, 32 324, 325, 326, or 327
Philosophy:	Any 300/400-level PHI courses
Physics:	PHY 211 or 212; or any 300-leve courses
Political Science:	POS 300, 301, 322, 331, 361, 431 446, 461, 462, or 495
Psychology:	PSY 300, 301, 304, 320, 400, 401, 405, 406, 407, 408, 409, or 410
Public Administration:	PUA 304, 400, 401, or 497
Sociology:	SOC 300, 301, 303, 304, 312, 350 403, 405, 423, or 431
Spanish:	SPA 301, 302, 403, or 404

THE 305

Integrative Studies: Any 300-level IGS courses

# Suggested Curriculum BACHELOR OF ARTS IN LIBERAL STUDIES (Minor Required) Minimum Total Hours: 128

### FRESHMAN YEAR

		FRESIDAN			Hours
Fall WYC 101 WYC 111 WYC 115 WYC 121	Liberal Studies Seminar I Lang. I Greek & English OR Lang. I Latin & English Math-Science I Electives, or Major, or Minor Courses	Hours 4 4 4 4 7 3-6 15-18	Spring WYC 102 WYC 112 WYC 116 WYC 122	Liberal Studies Seminar II Lang. II Greek & English OR Lang. II Latin & English Math-Science II Electives, or Major, or Minor Courses	4 4 4 4 3-6 15-18
		SOPHOMO	ORE YEAR		
Fall WYC 201 WYC 211 WYC 221	Liberal Studies Seminar III Lang. III British Lit. Math-Science III Electives, or Major, or Minor Courses	Hours 4 4 4 4  3-6  15-18	Spring WYC 202 WYC 212 WYC 222	Liberal Studies Seminar IV Lang. IV Modern Lit. English Math-Science IV Electives, or Major, or Minor Courses	Hours 4 4 4 4 1 5-18
		JUNIO	R YEAR		a Bachelot
Fall WYC 301 WYC 321 WYC 331	Great Books Seminar I Math-Science V Preceptorial I OR *Liberal Studies Elective Electives, or Major, or Minor Courses	Hours 4 4 3 6 17	Spring WYC 302 WYC 311 WYC 332	Great Books Seminar II Language V Preceptorial II OR *Liberal Studies Elective Electives, or Major, or Minor Courses	Hours 4 4 3 6 17
		SENIC	OR YEAR		CHARLES THE
Fall WYC 441	Senior Essay	Hours 3	Spring WYC 401		Hours 4
WYC 441	Math-Science VI	4	WYC 432	2 Preceptorial IV OR *Liberal Studies Elective	3
WYC 43:	Preceptorial III OR *Liberal Studies Elective	3		Electives, or Major,	9
	Electives, or Major, or Minor Courses	6			16
		16			

<sup>\*</sup>No more than 6 semester credit hours may be selected from any one discipline. (Please see list on previous page of this Catalogue.)

### ASSOCIATE OF ARTS IN LIBERAL STUDIES

A student has the option of pursuing an Associate of Arts degree in Liberal Studies by completing either a seminar-based honors program through the Whitney M. Young, Jr. College of Leadership Studies or by completing a general liberal studies core.

### Seminar-based Honors Program

The seminar-based honors program option emphasizes careful reading and discussion of books related to literature, history, philosophy, theology, mathematics, and sciences. The program concentrates on the pursuit of knowledge and the development of critical thinking and writing skills through the use of tutorials and seminars.

To satisfy the requirements for the Associate of Arts in Liberal Studies through the seminar-based honors program option, a student must complete a minimum of 67 semester credit hours. The required courses are WYC 101, 102, 111 and 112 -or- 115 and 116, 121, 122, 201, 202, 211, 212, 221, and 222; and 19 semester credit hours of advised electives. With the exception of the 19 semester credit hours of advised electives, all courses in the Associate of Arts degree in Liberal Studies through the seminar-based honors program option are defined as major area courses and all academic \*requirements for graduation are applicable as defined in this Catalogue.

# Suggested Curriculum ASSOCIATE OF ARTS IN LIBERAL STUDIES (Seminar-based Honors Program Option) Total Hours: 67

### FIRST YEAR

		11101	LLILL		
Fall		Hours	Spring		Hours
WYC 101	Liberal Studies Seminar I	4	WYC 102	Liberal Studies Seminar II	4
WYC 111	Lang. I Greek & English OR		WYC 112	Lang. II Greek & English OR	
WYC 115	Lang. I Latin & English	4	WYC 116	Lang. II Latin & English	4
WYC 121	Math-Science I	4	WYC 122	Math-Science II	4
	*Elective	3		*Electives	4
		15			16
		SECON	D YEAR		
Fall		Hours	Spring		Hours
WYC 201	Liberal Studies Seminar III	4	WYC 202	Liberal Studies Seminar IV	4
WYC 211	Lang. III British Lit.	4	WYC 212	Lang. IV Modern Lit. English	4
WYC 221	Math-Science III	4	WYC 222	Math-Science IV	4
	*Electives	6		*Electives	6
		18			18

<sup>\*</sup> Must select a minimum of 19 semester credit hours of electives in consultation with the student's academic advisor.

### General Liberal Studies Core

The general liberal studies core option affords the student an opportunity to focus on a program which is broad based and is designed as a transfer program to complete a baccalaureate degree. By completing either option, a student can satisfy the University's Liberal Studies Requirements toward a baccalaureate degree while incorporating the skills of critical thinking and reasoning, oral and written communication, and an appreciation of the arts.

Students who have chosen to complete the general liberal studies core option may enroll in WYC courses which have been approved as equivalents of the University's Liberal Studies Requirements.

To satisfy the requirements for the Associate of Arts in Liberal Studies through the general liberal studies core

option, a student must complete a minimum of 65 semester credit hours. The required courses are ART 130 or MUS 130; BIO 101; ECO 200 or POS 101; ENG 101, 102, and 211; 6 semester credit hours of foreign language; HED 221 or PHE Activity Courses; HIS 103; IGS 200 and 201; MAT 110; PHI 200; PSY 200 or SOC 203; SPE 103; 15 semester credit hours of advised electives at the 100/200-level; and 3 semester credit hours of natural science selected from BIO 112, CHE 109, PHY 111, or PHS 201. With the exception of the 15 semester credit hours of advised electives, all courses in the Associate of Arts degree in Liberal Studies through the general liberal studies core option are defined as major area courses and all academic requirements for graduation are applicable as defined in this Catalogue.

# Suggested Curriculum ASSOCIATE OF ARTS IN LIBERAL STUDIES (General Liberal Studies Core Option) Total Hours: 65

	Line II Greek & Unrish OR	FIRST YEAR			11500
Fall BIO 101 ENG 101 HIS 103 MAT 110	Life Science English Composition I Western Civilization Interm. Algebra or above *Elective	Hours 3 3 3 3 3 15	Spring ART 130 MUS 130 ENG 102 HED 221 PHE SPE 103	Intro. to Art OR Intro. to Music English Composition II Personal Health/Fitness OR P.E. Activity Courses Interpersonal Commun. *Elective **Natural Science	3 3 2 3 3 3 17

Fall IGS 200 PHI 200 PSY 200 SOC 203	Foundations of Cultures Intro. to Philosophy General Psychology OR Prin. of Sociology *Elective Foreign Language	Hours 3 3 3 3	Spring ECO 200 POS 101 ENG 211 IGS 201	Survey of Economics OR American Government Intro. to Literature Convergence of Cultures *Electives Foreign Language	3 3 3 6 3 18
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SECOND YEAR

\* With approval of the student's advisor, the student must select 15 semester credit hours of advised electives from two or more of the following areas. No more than 9 semester credit hours may be selected from any one of the following areas:

Arts and Humanities Behavioral and Social Sciences Business and Technical Courses Mathematics and Natural Sciences

\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

# THE COLLEGE OF PROFESSIONAL STUDIES

In this country we emphasize both liberal and practical education.

Too often it is liberal education for one, and a practical education for another.

What we desperately need is an integrated, liberal, practical education for the same person.

- Dwight D. Eisenhower

The College of Professional Studies at Kentucky State University offers undergraduate programs that prepare students to combine their broad liberal backgrounds with specialized training and to apply both in their everyday lives and in their technical and social-service careers.

The College offers coursework leading to baccalaureate degrees in the fields of Computer Science, Criminal Justice, Education, Applied Human Sciences, Social Work, and Physical Education. An Associate in Applied Science degree is also available in the areas of Administrative Support Services, Computer Science, Drafting and Design Technology, Electronics Technology, and Nursing.

The University's Liberal Studies Requirements strengthen all baccalaureate programs within the College and are compatible with the requirements of the National Council for the Accreditation of Teacher Education (NCATE), the Kentucky Department of Education, and the Council on Social Work Education.

The College of Professional Studies supports the educational initiatives of Tech Prep. Support is available to develop articulation agreements which avoid duplication of effort and ensure that students are adequately prepared to enter KSU programs. The advantages gained by Tech Prep students at the secondary level should continue during their academic pursuits at Kentucky State University and carry forward in their careers. For further information, contact the Dean of the College of Professional Studies.

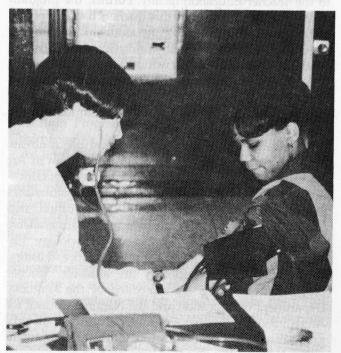
Criminal Justice, Education, Applied Human Sciences, Nursing, Physical Education, and Social Work programs are geared toward human needs and public services. Programs within the Area of Applied Human Sciences focus on the welfare of the family. Social Work and Criminal Justice programs are designed to prepare students to help remedy social problems of individuals and groups. Teacher Education programs within the Division of Education and Human Services prepare students for careers as teaching professionals. The associate degree program in Nursing is designed to prepare students to practice as licensed registered nurses in Kentucky.

Students must successfully complete the National Council Licensure Examination-R.N.

Computer Science programs address the needs of full-time students and also emphasize the public service component of the University's mission statement through class scheduling adapted to the work schedules of students who often maintain full-time employment. The programs provide instruction in the theory and application of computers and the development of highly specialized skills needed by employees in government and industry.

The Area of Industrial Technology offers associate degree programs designed to prepare students for industrial employment and in-service needs of technicians to improve technical knowledge and keep pace with changes in technology in industry.

The Administrative Support Services program is designed to equip students with the knowledge and skills required to become practicing office professionals.



# THE DIVISION OF EDUCATION AND HUMAN SERVICES

The Division of Education and Human Services is dedicated to the fulfillment of the University's mission statement which specifically addresses the need for preparing minority students for careers in education and human services.

Baccalaureate programs leading to teacher certification in the fields of Art, Biology, Early Elementary Education, English, History, Mathematics, Music, Physical Education, and Social Studies are offered. Teaching minors and endorsements also are available. Coursework leading to the baccalaureate degree is offered in the fields of Child Development and Family Relations, which prepares students to teach in preschool programs and to work in related agencies, and in Textiles, Clothing, and Merchandising for careers in fashion and the retail industry. Additional programs are available for students interested in careers in Physical Education, Recreation, Sports Management, and Athletic Training.

### TEACHER EDUCATION PROGRAMS

The primary purpose of the Area of Teacher Education is to coordinate and administer all programs leading to teacher certification at the University. Educating teachers for a pluralistic society is of special significance to the Teacher Education faculty. Further, the program is driven by the philosophy that teachers have the power to free learners from conditions associated with being uneducated, undereducated, or miseducated. Thus, the Teacher Education Program works to ensure that teacher education graduates obtain the skills, knowledge, and attitudes needed to function as "Liberators through Education" in elementary and high school classrooms of the Commonwealth of Kentucky.

The Area of Teacher Education offers baccalaureate degree programs leading to teacher certification in Art Education, Biology Education, Early Elementary Education, English Education, History Education, Mathematics Education, Music Education, Physical Education, and Social Studies Education. Teaching minors are available in English, History, Mathematics, and Sociology. Endorsements for teaching Computer Science, History, Social Studies, and Sociology are available. Teacher preparation programs are accredited by the Kentucky Department of Education and the National Council for Accreditation of Teacher Education (NCATE). All programs lead to certification by the Kentucky Department of Education.

### **Teacher Education Committee**

The responsibility for teacher education programs at Kentucky State University rests with the Teacher Education Committee. This Committee is composed of faculty and student representatives from each academic unit in which the University offers teacher certification programs, the Dean of the College of Professional Studies, the Chairperson of the Division of Education and Human Services, the Director of Clinical and Field Experiences, the Coordinator of Secondary Education, the Director of Libraries, the Director of Testing, the President of the University's Student National Education Association, and three public school representatives.

### Goals and Objectives

The overall goal of the Teacher Education Program is to produce the best possible teachers for elementary and secondary schools. Program objectives are to provide each student with the following:

- A strong liberal studies foundation which will enable students to think critically, express themselves with clarity, make independent and rational judgements, and become life-long learners;
- The pedagogical skills, competencies, and abilities needed to create an environment conducive to learning for elementary and secondary school students;
- A thorough understanding of the knowledge of the content to be taught in grades K-12;
- An understanding of the function and role of schools and teachers in a democratic, multicultural/diverse society; and
- Experiences which lead to a commitment to become a teacher who is a liberator through education.

### Admission to Teacher Education

Students desiring teacher certification at any level must make formal application to the Teacher Education Program. Application forms are available in the Division of Education and Human Services office and are due by posted dates in October and February.

The Teacher Education Committee reviews all application materials once per semester. Failure to make timely application to the Teacher Education Program will delay a student's progress toward graduation, since admission to the Teacher Education Program is a prerequisite to most

upper-level Education courses. NOTE: It should be understood that students are responsible for fulfilling courses that are required at the time the student is admitted to the Teacher Education Program. Some curriculum/policy changes required by the Kentucky Department of Education and/or the Teacher Education Committee may not necessarily appear in the KSU Catalogue as some may be approved and/or implemented between printings of the Catalogue. Students are advised to clarify curriculum/policy requirements with their academic advisor.

Each applicant who seeks admission to the Teacher Education Program at Kentucky State University is required to meet the following standards:

- Standard 1. Have obtained a minimum of 54 semester credit hours.
- Standard 2. File an application for admission to the Teacher Education Program on the official form provided. The application must be accompanied by a personal data form and an autobiographical sketch of at least two pages in the student's own handwriting. The autobiography should reveal an alert, resourceful person of sound and stable character who exemplifies the following traits: 1) a strong desire to learn, 2) a strong desire to become an effective teacher, 3) a genuine interest in people, especially young people, 4) the ability to work well with others, and 5) a willingness to go beyond average expectations in hours devoted to study and involvement in school and community activities.
- Standard 3. Submit an Enhanced ACT minimum composite score of 21 or a minimum composite score of 19 on a previous edition of the ACT. Students not meeting the requisite ACT composite score must demonstrate competency in reading, language, spelling, reference skills, and mathematics on the Comprehensive Tests of Basic Skills (CTBS) at a minimum grade equivalence of 12.7.
- Standard 4. Demonstrate competency in written communication through an impromptu written response to a question in the applicant's field of study. The sample will be evaluated for writing mechanics, content, organization, and style.
- Standard 5. Demonstrate competency in oral communication during an individual personal interview.

- Standard 6. Have obtained a cumulative grade-point average of 2.5 or above on a 4.0 scale.
- Standard 7. Have obtained a grade of "C" or above in the following courses:
  - A. ENG 101 (English Composition and Rhetoric I) and ENG 102 (English Composition and Rhetoric II);
  - B. EDU 221 (Human Growth: Life Span Development); and
  - C. EDU 294 (Introduction to Teaching).
- Standard 8. Obtain three letters of recommendation: A. One from the major advisor;
  - B. One from an instructor with whom the applicant has completed a course; and
  - C. One from a public school teacher with whom the applicant has had field-based experience.
- Standard 9. Submit ACT scores to the Division of Education and Human Services Office.
- Standard 10. Have obtained clearance from the Office of the Vice President for Student Affairs.

Applicants may be granted *conditional* admission to the Teacher Education Program with minor deficiencies in meeting admission standards. Immediate correction and satisfactory progress are required for continued enrollment in the Teacher Education Program.

The Teacher Education Committee may withdraw a student from the Teacher Education Program *at any time* based upon one or more of the following:

- A. Unsatisfactory academic progress.
- B. Disciplinary action by the University against the student because of conduct that would indicate character traits of such a nature as to make that student unfit for the teaching profession.

The student may withdraw officially from the Teacher Education Program by proper written notice to the Chairperson of the Teacher Education Committee.

An applicant who has been denied admission to the Teacher Education Program will be permitted to apply again, provided all deficiencies have been removed. The student will not be permitted to file a third application if rejected by the Teacher Education Committee a second time.

Any applicant who has failed three official Teacher Education sittings of the CTBS will be denied further consideration for admission to the Teacher Education Program. No applicant will be allowed to take the CTBS twice in the same semester. No applicant will be permitted to sit officially for the CTBS a fourth time. However, students will be permitted to repeat individual portions of the CTBS by special arrangement and permission of

the Dean of the College of Professional Studies.

Kentucky State University, operating through the Teacher Education Committee, retains the right to change, modify, or add to the above requirements at any time. The Teacher Education Committee will give students notice of required changes. Students must consult the Chairperson of the Teacher Education Committee for the most recent certification regulations.

# Admission to Supervised Teaching

All students seeking certification to teach are required to file an application for Supervised Teaching. The application for admission to Supervised Teaching must be made by the posted deadline during the semester immediately prior to the semester during which the student plans to do supervised teaching.

After review of the student's application, the Chairperson of the Teacher Education Committee will notify the applicant by letter that the application for admission to Supervised Teaching has been approved or denied. If the application has been approved, the approval will be subject to successful completion of all prerequisites and the student's attainment and maintenance of the required standards for admission which are in effect at the time of application and at the time the student is scheduled to enroll in the Supervised Teaching course. If the application for admission to Supervised Teaching has been denied, the letter of notification will state the reason(s) for denial.

Applicants for admission to Supervised Teaching must satisfy the following standards:

- Standard 1. Have been admitted to the Teacher Education Program at least one semester prior to application for admission to Supervised Teaching and be in good academic standing.
- Standard 2. Submit a report of a physical examination, including a tuberculin test performed within the last six months prior to making application.
- Standard 3. Have a cumulative grade-point average of 2.5 or above (on a 4.0 scale) at the time of application, or have attained such by the end of the semester immediately prior to the scheduled entrance into Supervised Teaching.
- Standard 4. Have a cumulative grade-point average of 2.5 or above (on a 4.0 scale) in the major courses (with all grades "C" or above) at the end of the semester prior to the scheduled entrance into Supervised Teaching.

- Standard 5. Have completed all required professional Education courses including the 150 clock hours of clinical and field-based experience requirements and with a minimum gradepoint average of 2.5 (with all grades "C" or above) or have satisfied this requirement by the end of the semester immediately prior to the scheduled entrance into Supervised Teaching.
- Standard 6. Have completed all of the coursework within the major or have completed all coursework requirements for the minor with a minimum grade-point average of 2.5 (with all grades "C" or above) if Supervised Teaching is to be completed in the minor subject.
- Standard 7. Be recommended by the faculty of the student's major area.
- Standard 8. Be recommended by the faculty of the Area of Teacher Education.
- Standard 9. Have obtained clearance from the Vice President for Student Affairs.

  NOTE: Applications for admission to Supervised Teaching may be obtained from the Division of Education and Human Services Office and should be submitted to the Director of Clinical and Field Experiences.

Students are fully responsible for arranging all required transportation that results from participation in Supervised Teaching. Students may seek the assistance of the Division of Education and Human Services in making these arrangements.

A student who has been approved for admission to Supervised Teaching who does not complete all prerequisites or maintain the required standards for admission will be denied the opportunity to enroll in the Supervised Teaching course. After deficiencies have been corrected, the student's case shall be subject to review by the Teacher Education Committee before the student will be permitted to enroll for Supervised Teaching at a later date.

Students are not to be permitted to take other regular college courses or hold employment during the period of Supervised Teaching. Exemptions from this standard will be considered by the Director of Clinical and Field Experiences and the Chairperson of the Teacher Education Committee. Students who disregard this requirement shall be subject to suspension from the Supervised Teaching Program.

# **Degree Requirements**

Students seeking teacher certification in the Commonwealth of Kentucky must select a level at which to teach. Certification programs available at Kentucky State University meet requirements for early elementary (grades K-4), secondary (grades 9-12), and K-12 programs in specific subjects.

To obtain the baccalaureate degree and teacher certification at any level, Teacher Education students must complete 54 semester credit hours of Liberal Studies Requirements. Additional degree requirements are as follows:

# EARLY ELEMENTARY EDUCATION

(grades K-4)

A minimum of 140-141 semester credit hours is required for a major in Early Elementary Education for grades K-4. Requirements include 46 semester credit hours of professional Education courses (EDU 221, 294, 310, 312, 313, 314, 324, 325, 402, 423, and 474; and CDF 204); 22 semester credit hours of related support courses (ART 101, ENG 260, FNU 203, HIS 201, MAT 103 and 104, MUE 333, and PHE 258 or 259 or 260); 3 semester credit hours of free electives; and 21 semester credit hours in one academic specialty, of which 6 semester credit hours may be satisfied by Liberal Studies Requirements. Academic areas from which students may select a specialty are English/Communications, Fine Arts/Humanities, Foreign Language, Mathematics Studies, Sciences, or Behavioral and Social Sciences.

#### SECONDARY EDUCATION

(grades 9-12)

Art Education—A minimum of 141 semester credit hours is required for a major in Art Education with high school teacher certification. Requirements include 24 semester credit hours in Art and Art History (ART 110, 112, 113, 201, 202, 220, 319, 360, 400, and ART 419); 18 semester credit hours of limited Studio Art electives selected in consultation with the student's advisor; 6 semester credit hours of 300/400-level courses in one Art area of specialization (art history, ceramics, drawing, printing, photography, printmaking, sculpturing, or weaving); and a 3 semester credit hour art history elective for a total of 48 semester credit hours (ART 130 is a Liberal Studies Requirement); and 36 semester credit hours of professional Education courses (EDU 221, 294, 305, 310, 324, 325, 409, and 494).

Biology Education—A minimum of 138-139 semester credit hours is required for a major in Biology with high school teacher certification. In addition to BIO 111, CHE

101, and MAT 115 (which satisfy Liberal Studies Requirements), students must complete a Biology core of 25 semester credit hours (BIO 210, 212, 302, 303, 307, 401, 408 and 416); 5-6 semester credit hours of Biology electives selected from BIO 301, 304, 305, 308, 309, 310, 403, 404, 405, or 410; a 4 semester credit hour Chemistry course (CHE 102); 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 409, 413, and 494); a 4 semester credit hour Mathematics course (MAT 120); 8 semester credit hours of support courses in Physical Sciences; and 3 semester credit hours of free electives.

English Education—A minimum of 132 semester credit hours is required for a major in English with high school teacher certification. Requirements include 30 semester credit hours of English courses (ENG 213, 312, 322, 323, 324, 325, 390, 410, 411, and 433); 6 semester credit hours selected from English, Speech, Communication, or Theatre (3 of the 6 semester credit hours at the 300/400-level); 36 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 409, 410, 445, and 494); and 6 semester credit hours of free electives.

History Education—A minimum of 132 semester credit hours is required for a major in History with high school teacher certification. Requirements include 33 semester credit hours of History courses (HIS 101, 102, 201, 202, 314, 376, 422, and 433; 9 semester credit hours of 300/400-level History electives selected in consultation with the student's advisor); 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 409, 414, and 494); a 3 semester credit hour Economics course (ECO 200); a 3 semester credit hour Geography course (GEO 102); 6 semester credit hours of Sociology courses (SOC 203 and 303); and 3 semester credit hours of free electives. All students seeking certification to teach History must complete POS 101 and PSY 200 as part of the Liberal Studies Requirements.

Mathematics Education—A minimum of 137 semester credit hours is required for a major in Mathematics with high school teacher certification. Requirements include 37 semester credit hours of Mathematics courses (MAT 201, 202, 210, 301, 307, 321, 326, 401, 403, and 460); 6 semester credit hours of a computer language; 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 409, 411, and 494); a 3 semester credit hour Mathematics elective selected from MAT 303, 315, 402, 404, or 411; 10 semester credit hours of Physics courses (PHY 211 and 212); and 3 semester credit hours of free electives. The student must earn a grade of "C" or above in all the courses listed above with the exception of the free elective.

Social Studies Education—A minimum of 135 semester credit hours is required for a major in Social Studies Education with high school teacher certification. Requirements include 12 semester credit hours of Sociology courses (SOC 203, 303, 304, and 305); 33 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, 409, 414, and 494); 21 semester credit hours of History courses (HIS 101, 102, 201, and 202, and 9 semester credit hours of 300/400-level History electives selected in consultation with the student's advisor); a 3 semester credit hour Economics course (ECO 200); a 3 semester credit hour Geography course (GEO 102); a 3 semester credit hour Political Science course (POS 160); and 3 semester credit hours of free electives. All students seeking certification to teach Social Studies must take POS 101 and PSY 200 as part of the Liberal Studies Requirements.

A teaching endorsement, in addition to History and Sociology, can be obtained in Social Studies by completing a minimum of 9 semester credit hours of coursework in Economics, Geography, Political Science, and/or Psychology selected in consultation with the student's advisor.

# K-12 Certification

Music Education—A minimum of 144-145 semester credit hours is required for a major in Music Education (with either the instrumental or vocal option) which leads to teacher certification for grades K-12. Requirements include MUS 101, 102, 120, 161, 162, 201, 202, 220, 261, 262, 301, 303, 320, 321, 322, 324, 361, 362, 420, 461, and 499; MUE 341, 342, 353, and 354; 31 semester credit hours of professional Education courses (EDU 221, 294, 310, 324, 325, and 494; and MUE 331 and 332); and 3 semester credit hours of free electives. Students selecting the instrumental option must also complete MUE 343, 344, 345, 347, and 437. All Music majors are required to complete a major ensemble representing their major performing medium each semester, except the supervised teaching semester. Music Education majors pursuing the instrumental option must enroll in a minimum of 3 semester credit hours of MUS 385 (Wind Ensemble) or MUS 382 (Symphonic Band), and 4 semester credit hours of MUS 381 (Marching Band). Music Education majors pursuing the vocal option must complete MUS 386 (Concert Choir) each semester, except the Supervised Teaching semester. Exceptions from these requirements must be approved by the Music area faculty. Any student whose performance area is piano or organ must also take MUE 349 for a total of 145 semester credit hours. Students selecting the vocal option must also complete MUS 336, MUE 348, MUE 435, and 2 semester credit hours of Music elec-

tives from the music theory, composition, or arranging sequences. All Music Education majors must enroll in and successfully complete a dual placement Supervised Teaching experience (EDU 494) at both the elementary and secondary levels.

Physical Education—A minimum of 138-140 semester credit hours is required for a major in Physical Education which leads to teacher certification for grades K-12. Requirements include a minimum of 43 semester credit hours of Physical Education courses (Select two: PHE 201, 202, 203, 204, or 205; Select two: PHE 210, 211, 212, or 213; PHE 218, 240 or 351 [for 1 or 2 semester credit hours], 257, 258, 259, 260, 320, 323, 324, 330, 331, 333, 401, and 421); a 3 semester credit hour Biology course (BIO 301); 33 semester credit hours of professional Education courses (EDU 221, 294, 305, 324, 325, 409, 412, and 494); 4 semester credit hours of Health Education courses (HED 107 and 221); and 3 semester credit hours of free electives.

A minor in Recreation and Sports Management is available to all Physical Education majors. Teaching certificates are granted by the Kentucky Department of Education for Physical Education and Health Education.

# **Teaching Minors**

Teaching minors are available in the following areas: English, History, Mathematics, and Sociology. A minimum of 21 semester credit hours is required, in addition to the teaching major, for all minors except English and Mathematics. The English minor requires a minimum of 24 semester credit hours, and the Mathematics minor requires a minimum of 22 semester credit hours. Students must consult their advisor or the Chairperson of the Division of Education and Human Services concerning specific requirements for each teaching minor. Teaching minors are available only to students who complete a teaching major.

# **Teaching Endorsements**

A teaching endorsement is available in Computer Science and Early Elementary Education (K-4). Students must consult their advisor and the Chairpersons of the Divisions of Education and Human Services and the Division of Computer and Technical Sciences regarding specific requirements. Teaching endorsements are available only to students who complete a teaching major.

Students may extend the validity of teaching certificates by taking additional coursework. The endorsement program in Early Elementary Education (K-4) is designed for students who currently hold a valid teaching certificate in the State of Kentucky in another teaching area (i.e., middle grades (5-8) or secondary (9-12) education). For additional information, contact the Division of Education and Human Services for specific course requirements.

#### **National Teacher Examinations**

The Core Battery and Specialty examinations of The National Teacher Examinations (NTE) are required for teacher certification in Kentucky. The examinations are to be taken during the senior year. Students must perform at or above the cut-off scores established by the Kentucky Department of Education and must have their official NTE scores sent to Kentucky State University's Division of Education and Human Services and to the Kentucky Department of Education in order to be recommended for certification. The NTE serves as the senior exit exam for teacher education majors.

# Suggested Curriculum BACHELOR OF ARTS IN EARLY ELEMENTARY EDUCATION (Grades K-4, Specialty Area Required) Total Hours: 140-141

FRESHMAN YEAR Hours Hours Fall English Composition II ENG 102 Intro. to Art OR ART 130 3 Found. of Math II MAT 104 MUS 130 Intro. to Music Physical Sciences I OR \*PHS 201 BIO 101 Life Science Intro. to Physics I PHY 111 English Composition I Personal Health/Fitness **ENG 101** American Government POS 101 HED 221 General Psychology 3 **PSY 200** Western Civilization 3 HIS 103 Interpersonal Commun. SPE 103 Found. of Math I MAT 103 18-19 SOPHOMORE YEAR Hours Spring Hours Fall Early Elem. School Art ART 101

EDU 294 ENG 211 IGS 200 MAT 110 PHE	Development Intro. to Teaching Intro. to Literature Foundations of Cultures Interm. Algebra or above P. E. Activity Course Foreign Language	3 3 3 3 1 1 3	CDF 204 FNU 203 HIS 201 IGS 201	Child Development II Nutrition and Health U.S. History to 1865 Convergence of Cultures PHE 258, 259, or 260 Foreign Language	3 2 3 3 2 3 19
		JUNIO	R YEAR		Uour

Fall EDU 325 ENG 260 IGS 300 MUE 333	Microcomputers and Media in the Classroom Children's Literature New Forms of Culture Fund. of Music for Early Elementary Teachers **Academic Specialty	Hours  3 3 3 6	Spring EDU 310 EDU 312 EDU 314 EDU 324 ***IGS	Intro. to Excep. Education Teaching Reading in Early Elementary School Teaching Social Studies in Early Elementary School Found. of Education 301, 302, 303, or 304 **Academic Specialty	Hours 3 3 3 3 3 3 3 3
	so electives. Students selecting the	18		Academic Specialty	18

		SENIO	R YEAR		
Fall EDU 313	Teaching Language Arts in Early Elementary School	Hours 3	Spring EDU 474	Supervised Teaching in Early Elementary Grades	Hours 12
EDU 402	Theories and Assessment of Learning	3			12
EDU 423	Teaching Math. and Science in Early Elementary School  **Academic Specialty Elective	4 6 3			

\* Students selecting PHS 201 must also complete PHS 203, Physical Sciences Laboratory, for teacher certification.

\*\* Students must select a 21 semester credit hour specialty area in consultation with the advisor from the following: English/Communications; Fine Arts/Humanities; Foreign Language (limited to one language); Mathematics Studies; Sciences; or Behavioral and Social Sciences. Six of the required semester credit hours may be satisfied by Liberal Studies Requirements.

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African American Experience)

304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF ARTS IN ART EDUCATION (Secondary Teaching, Grades 9-12) Total Hours: 141

#### FRESHMAN YEAR

Fall		Hours	Spring		Hour
ART 112	Two-Dimensional Design	3	ART 110	Basic Drawing	3
ART 130	Intro. to Art	3	ART 113	Three-Dimensional Design	3
BIO 101	Life Science	018 3	ENG 102	English Composition II	3
ENG 101	English Composition I	3	HIS 103	Western Civilization	3
HED 221	Personal Health/Fitness	201-2	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3	PHE	P. E. Activity Course	00 31
		17			16
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hour
ART 201	Art History Survey I	3	ART 202	Art History Survey II	3
EDU 221	Human Growth: Life Span		ART 360	Art Symposium	DE HHI
	Development	3	*ART	Art Core	3
<b>ENG 211</b>	Intro. to Literature	3	ECO 200	Survey of Economics OR	ous am
IGS 200	Foundations of Cultures	3	POS 101	American Government	3
PSY 200	General Psychology	3	EDU 294	Intro. to Teaching	3
	Foreign Language	3	IGS 201	Convergence of Cultures	3
	0 88-	142 000	100 201	Foreign Language	3
		18		Torcigit Language	
		JUNIO	R YEAR		19
Fall		Hours	Spring		Hours
*ART	Art Core	3	ART 360	Aut Cymnosium	
ART 220	Basic Painting I	3	*ART	Art Symposium Art Core	1
ART 319	Elementary School Art	3	**ART		3
ART	Art History Elective	3	EDU 305	Area of Specialization	3
EDU 310	Intro. to Excep. Education	3		Fund. and Admin. Elem. Ed.	3
EDU 325	Microcomputers and Media	8013.	EDU 324	Found, of Education	3
LDC 323	in the Classroom		***IGS	301, 302, 303, or 304	3
IGS 300	New Forms of Culture	3		*****Natural Science	3
103 300					19
		21	OHOR		
nuroH		SENIO	R YEAR		
Fall		Hours	Spring		Hours
ART 400	Senior Seminar	1	EDU 494	Supervised Teaching	
ART 419	Methods and Materials			in Secondary Schools	12
BBU JAN	for Teaching Art	3		Surfect of the State of the Sta	
*ART	Art Core 300/400-level	9			12
**ART	Area of Specialization	3			
EDU 409	Fund. & Adm./Secondary Ed.	3			
		19			

\* May be selected from ART 220, 240, 245, 305, 306, 307, 310, 315, or 317.

\*\* Area of specialization may be in art history, ceramics, drawing, painting, photography, printmaking, sculpture, or weaving (300/400-level courses).

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS

304 (The African-American Experience)
\*\*\*\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

# Suggested Curriculum BACHELOR OF SCIENCE IN BIOLOGY EDUCATION (Secondary Teaching, Grades 9-12) Total Hours: 138-139

ED	ESH	MA	N	YE	AR

		TRESTANT	Switze		Hours
*BIO 111 ENG 101 HIS 103 MAT 115 PHE SPE 103	Principles of Biology English Composition I Western Civilization Interm. Algebra or above P. E. Activity Course Interpersonal Commun.	Hours  4  3  3  3  1  17	Spring ART 130 MUS 130 BIO 210 BIO 212 ENG 102 HED 221 MAT 120	Intro. to Art OR Intro. to Music General Zoology General Botany English Composition II Personal Health/Fitness Precalculus	3 3 3 3 2 4 
		SOPHOMO	DRE YEAR		
Fall *CHE 101 EDU 294 IGS 200 PSY 200	General Chemistry I Intro. to Teaching Foundations of Cultures General Psychology Elective Foreign Language	Hours  4 3 3 3 3 3 19	Spring CHE 102 ECO 200 POS 101 ENG 211 EDU 221 IGS 201	General Chemistry II Survey of Economics OR American Government Intro. to Literature Human Growth: Life Span Development Convergence of Cultures Foreign Language	Hours 4 3 3 3 3 19 19
		IIINIO	R YEAR		
Fall BIO 302 BIO 307 EDU 324 IGS 300	General Microbiology Genetics Found. of Education New Forms of Culture **Physical Science Elect.	Hours  4 3 3 3 4 17	Spring BIO BIO 303 EDU 325	Electives Human Physiology Microcomputers and Media in the Classroom 301, 302, 303, or 304 **Physical Science Elect.	Hours 5-6 4 3 3 4 19-20
		SENIC	OR YEAR		
Fall BIO 401 BIO 408 BIO 416 EDU 310 EDU 409 EDU 413	Fund. & Adm./Secondary Ed.	Hours 1 4 3 3 3 3 3	Spring EDU 494	Supervised Teaching in Secondary Schools	12 12
		17			

\* Satisfies the Liberal Studies Requirements for Natural Science.

\*\* In addition to CHE 101 and CHE 102, students pursuing secondary teaching certification in Biology are required to complete a minimum of 8 semester credit hours of support courses in Physical Sciences. PHY 207 (Physics in Biological Science I) and PHY 208 (Physics in Biological Science II), are strongly recommended. (Physics in Biological Science II), are strongly recommended. (Studies in African Cultures), IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF ARTS IN ENGLISH EDUCATION (Secondary Teaching, Grades 9-12) **Total Hours: 132**

# FRESHMAN YEAR

- 11		POSICE SAND			
Fall	1:6 6:	Hours	Spring	I A . OD	Hou
BIO 101	Life Science	3	ART 130	Intro. to Art OR	100
ENG 101	English Composition I	067 23 M	MUS 130	Intro. to Music	3
HIS 103	Western Civilization	3	ECO 200	Survey of Economics OR	137 0
MAT 110	Interm. Algebra or above	3	POS 101	American Government	3
PHE	P. E. Activity Course	1	ENG 102	English Composition II	3
SPE 103	Interpersonal Commun.	3	HED 221	Personal Health/Fitness	2
		16		Elective	3
		10		*Natural Science	3
					17
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hou
ENG 211	Intro. to Literature	3	EDU 221	Human Growth: Life Span	
GS 200	Foundations of Cultures	3		Development	3
PSY 200	General Psychology	3	EDU 294	Intro. to Teaching	100 3
	Elective	3	<b>ENG 213</b>	Advanced Composition	- 000 3
	Foreign Language	3	IGS 201	Convergence of Cultures	000 3
	Party of Sociologic	15		**Elective	3
		15		Foreign Language	3
			n verse		18
		JUNIO	R YEAR		
r. 11		- AND DE LA			***
Fall	E CEL CEL	Hours	Spring	to the Chemony	Hou
EDU 324	Found. of Education	3	EDU 310	Intro. to Excep. Education	07113
EDU 325	Microcomputers and Media	FCE 1 1177	EDU 445	Read. in the Sec. School	3
	in the Classroom	3	ENG 323	Survey British Lit. II	3
ENG 312	World Literature	3	ENG 325	Survey American Lit. II	3
NG 322	Survey British Lit. I	3	ENG 390	Adolescent Literature	3
ENG 324	Survey American Lit. I	3	***IGS	301, 302, 303, or 304	3
GS 300	New Forms of Culture	3			18
		18			
		SENIO	R YEAR		
all		Hours	Spring	Designation of the second	Hou
EDU 409	Fund. & Adm./Secondary Ed.	3	EDU 494	Supervised Teaching	
DU 410	Methods/Teaching English	3		in Secondary Schools	12
NG 410	Linguistics	3		20th Century Europe	10
NG 411	Shakespeare	3			12
NG 433	Read/Writing Practicum	3			
	**Elective 300/400-level	3			/

\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* Choice of English, Speech, Communication, or Theatre.

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF ARTS IN HISTORY EDUCATION (Secondary Teaching, Grades 9-12) Total Hours: 132

# FRESHMAN YEAR

		1112011111	'		
Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
HED 221	Personal Health/Fitness	2	<b>ENG 102</b>	English Composition II	3
*HIS 101	World Civilization I	3	*HIS 102	World Civilization II	3
MAT 110	Interm. Algebra or above	3	POS 101	American Government	3
PHE	P. E. Activity Course	1111	SPE 103	Interpersonal Commun.	3
1111	1. E. Tenviny Course			**Natural Science	3
		15			18
					10
		SOPHOMO	ORE YEAR		
194.14 		Hours	Spring		Hours
Fall	Intro to Aniching.	3	EDU 221	Human Growth: Life Span	71000
ECO 200	Survey of Economics		EDU 221	Development	3
ENG 211	Intro. to Literature	3	EDU 294	Intro. to Teaching	3
HIS 201	U.S. History to 1865	3	HIS 202	U.S. History since 1865	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
PSY 200	General Psychology	3		Prin. of Sociology	3
	Foreign Language	3	SOC 203	Foreign Language	3
		18		Foreign Language	
					18
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
EDU 310	Intro. to Excep. Education	3	HIS 376	African History from 1870	3
EDU 310	Found. of Education	3	EDU 325	Microcomputers and Media	
GEO 102	Prin. of Geography	3		in the Classroom	3
HIS 314	Blacks in the U.S.	3	EDU 414	Meths./Teach. Soc. Studies	3
IGS 300	New Forms of Culture	3	HIS	Electives 300/400-level	6
SOC 303	Cultural Anthropology	3	***IGS	301, 302, 303, or 304	3
30C 303	Cultural Antinopology			and a series of the series of	10
		18			18
		053.440	D 1071D		
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
EDU 409	Fund. & Adm./Secondary Ed.	3	EDU 494	Supervised Teaching	COP FICE
HIS 422	Recent U.S. History	3		in Secondary Schools	12
HIS 433	20th Century Europe	3		Linguistics	12
HIS	Elective 300/400-level	3			TIME TO BE
	Elective	3			
	inten to CHE 101 and CET 102, moderate	15			
		10			

\* Satisfies the Liberal Studies Requirements for History.
\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.
\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF ARTS IN MATHEMATICS EDUCATION (Secondary Teaching, Grades 9-12) Total Hours: 137

# FRESHMAN YEAR

		FRESHIVI	AN ICAN		
Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR		cos	Computer Language Course	3
MUS 130	Intro. to Music	3	ECO 200	Survey of Economics OR	
BIO 101	Life Science	3	POS 101	American Government	3
COS	Computer Language Course	3	<b>ENG 102</b>	English Composition II	3
ENG 101	English Composition I	3	MAT 202	Calculus II	5
*MAT 201	Calculus I	5	SPE 103	Interpersonal Commun.	3
		17			17
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
EDU 294	Intro. to Teaching	3	EDU 221	Human Growth: Life Span	
IGS 200	Foundations of Cultures	3		Development	3
MAT 301	Multivariate Calculus	3	ENG 211	Intro. to Literature	3
**PHY 211	General Physics I	5	IGS 201	Convergence of Cultures	3
PHE	P. E. Activity Course	1	MAT 210	Perspective on Mathematics	3
PSY 200	General Psychology	3	PHY 212	General Physics II	5
	Foreign Language	3	HED 221	Personal Health/Fitness	2
		18			19
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
EDU 324	Found. of Education	3	EDU 325	Microcomputers and Media	
HIS 103	Western Civilization	3		in the Classroom	3
IGS 300	New Forms of Culture	3	***IGS	301, 302, 303, or 304	3
MAT 307	Linear Algebra	3	MAT 326	Modern Geometry	3
MAT 321	Prob. and Statistics	3	MAT 403	Real Analysis I	3
	Foreign Language	3		****MAT Elective	3
	Ruce and Himir Relations	18		Foreign Language	3
					18
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
EDU 310	Intro. to Excep. Education	3	EDU 494	Supervised Teaching	
EDU 409	Fund. & Adm./Secondary Ed.	3		in Secondary Schools	12
EDU 411	Meth./Teaching Mathematics	3		Marie The Marie 200 A00 Comment	12
MAT 401	Modern Algebra I	3			12
MAT 460	Mathematics Seminar	3			
	Elective	3			7
		18			

\* Satisfies the Liberal Studies Requirement for Mathematics.

\*\* Satisfies the Liberal Studies Requirement for Natural Science.

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\*\*\* May be selected from MAT 303, 315, 402, 404, or 411.

# Suggested Curriculum BACHELOR OF ARTS IN SOCIAL STUDIES EDUCATION (Secondary Teaching, Grades 9-12) Total Hours: 135

FRESHMAN	YEAR
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		FRESHIVIA	IN ILITIE		Hours
Fall ART 130 MUS 130 BIO 101 ENG 101 *HIS 101 MAT 110	Intro. to Art OR Intro. to Music Life Science English Composition I World Civilization I Interm. Algebra or above Foreign Language	3 3 3 3 3 3 18	Spring ENG 102 *HIS 102 HED 221 PHE POS 101 SPE 103	English Composition II World Civilization II Personal Health/Fitness P. E. Activity Course American Government Interpersonal Commun. Foreign Language	3 3 2 1 3 3 3 
		SOPHOMO	ORE YEAR		
Fall		Hours 3	Spring EDU 294	Intro. to Teaching	Hours 3
GEO 102	Prin. of Geography U.S. History to 1865	3	EDU 221	Human Growth: Life Span	P. 15 200
HIS 201	Foundations of Cultures	3		Development	3
IGS 200 POS 160	State and Local Government	3	ENG 211	Intro. to Literature	3
PSY 200	General Psychology	3	HIS 202	U.S. History since 1865	3
131 200	**Natural Science	3	IGS 201	Convergence of Cultures	3
		18	SOC 203	Prin. of Sociology	18
		JUNIOI	R YEAR		
r. 11		Hours	Spring		Hours
Fall ECO 200	Survey of Economics	3	EDU 310	Intro. to Excep. Education	3
EDU 324	Found. of Education	3	EDU 325	Microcomputers and Media	3
HIS	Elective 300/400-level	3		in the Classroom	3
IGS 300	New Forms of Culture	3	EDU 414	Meths./Teach. Soc. Studies Elective 300/400-level	3
100 000	***Endorsement Specialty	6	HIS	301, 302, 303, or 304	3
	Print Of Association TANGER	18	****IGS	Cultural Anthropology OR	
			SOC 303 SOC 304	Race and Ethnic Relations	3
			50C 504	race the Burns	18
					10
		SENIO	R YEAR		
		Hours	Spring		Hours
Fall	Fund. & Adm./Secondary Ed.	3	EDU 494	Supervised Teaching	12
EDU 409		3		in Secondary Schools	12
SOC 305 HIS	Elective 300/400-level	3			12
riis	Elective	3			
	***Endorsement Specialty	3			
	ENECOVE DESCRIPTIONS	15			

\* Satisfies the Liberal Studies Requirements for History.

\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*\* Teaching endorsements, in addition to History and Sociology, can be obtained by completing a minimum of 9 semester credit hours of coursework in Economics, Geography, Political Science, and/or Psychology selected in consultation with the student's advisor.

\*\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF MUSIC EDUCATION (For Teaching Music in Grades K-12) (Instrumental Option) Total Hours: 144-145

Fall BIO 101 Life Science BIG 101 English Composition I  ENG 101 English Composition I  MAT 110 Interm. Algebra or above MUS 101 Music Theory to 1450  Hours  Spring  ENG 102 English Composition II  HIS 103 Western Civilization  MUS 102 Music Theory 1450-1650  MUS 101 Music Theory to 1450  MUS 162 Major Applied II/Lab	3 3 3 2 1
BIO 101 Life Science 3 ENG 102 English Composition II ENG 101 English Composition I 3 HIS 103 Western Civilization MAT 110 Interm. Algebra or above 3 MUS 102 Music Theory 1450-1650	3 3 3 2
ENG 101 English Composition I 3 HIS 103 Western Civilization MAT 110 Interm. Algebra or above 3 MUS 102 Music Theory 1450-1650	3 3 2
MAT 110 Interm. Algebra or above 3 MUS 102 Music Theory 1450-1650	3 2
	2
MUS 120 Minor Applied I (Piano) 1 MUS 220 Minor Applied II (Piano)	a cuiva
MUS 161 Major Applied I/Lab 2 MUS 382 Symphonic Band OR	
MUS 381 Marching Band 1 MUS 385 Wind Ensemble	1
SPE 103 Interpersonal Commun. 3 Elective	3
*Natural Science	3
At 19-10 to the control of the contr	44 19
	19
SOPHOMORE YEAR	
Fall So Intro to Seaching Hours Spring	Hours
EDU 294 Intro. to Teaching 3 EDU 221 Human Growth: Life Span	
ENG 211 Intro. to Literature 3 Development	3
IGS 200 Foundations of Cultures 3 IGS 201 Convergence of Cultures	3
MUS 201 Music Theory 1650-1820 3 MUS 202 Music Theory 1820-1900	3
MUS 261 Major Applied III/Lab 2 MUS 262 Major Applied IV/Lab	2
MUS 320 Minor Applied III (Piano) 1 MUS 382 Symphonic Band OR	
MUS 381 Marching Band 1 MUS 385 Wind Ensemble	1
Foreign Language 3 MUS 420 Minor Applied IV (Piano)	1
PSV 200 Ceneral Psychology	3
19 Foreign Language	3
JUNIOR YEAR	19
JUNIOR YEAR	
F.11	Uoung
Fall Hours Spring  FOO 2000 Communic OR FOUND TO Form Form Form Form Form Form Form Form	Hours
ECO 200 Survey of Economics OR EDU 310 Intro. to Excep. Education	3
POS 101 American Government 3 ****IGS 301, 302, 303, or 304	3
IGS 300 New Forms of Culture 3 MUE 331 Fund./Meth. Elem. School	2
MUE 325 Microcomputers and Media MUE 341 String Pedagogy	1
in the Music Classroom 3 MUE 344 Woodwind Pedagogy II	1
MUE 343 Woodwind Pedagogy I 1 MUE 345 Brass Pedagogy	1
MUE 347 Percussion Pedagogy 1 MUE 353 Choral Conducting	1
MUS 301 Form and Analysis 2 MUS 322 Music History 1685-1900	3
MUS 321 Music History to 1685 3 MUS 362 Major Applied VI/Lab	2
**MUS 349 Keyboard Pedagogy 1 MUS 382 Symphonic Band OR	1
MUS 361 Major Applied V/Lab 2 MUS 385 Wind Ensemble	1
MUS 381 Marching Band 1 PHE P. E. Activity Course	1

19-20

#### SENIOR YEAR

Fall		Hours	Spring		Hour
EDU 324	Found, of Education	3	EDU 494	Supervised Teaching	
HED 221	Personal Health/Fitness	2		in Secondary Schools	12
MUE 332	Fund./Meth. Sec. School	2			12
MUE 348	Band Pedagogy	1141			
MUE 354	Instrum. Conducting	1			
MUE 437	Instrum. Methods and Lit	1			
MUS 303	Orchestration	2			
MUS 324	20th Century Music	2			
#MUS	Instrum. Ensemble Elective	1			
MUS 461	Major Applied VII/Lab	2			
MUS 499	Senior Recital	022 011			
		18			

\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* Any student whose performance area is piano or organ must take MUE 349. \*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS

304 (The African-American Experience) # May be selected from MUS 355, 358, 387, 388, or 389.

Suggested Curriculum **BACHELOR OF MUSIC EDUCATION** (For Teaching Music in Grades K-12) (Vocal Option) **Total Hours: 144** 

## FRESHMAN YEAR

Fall		Hours	Spring		Hours
BIO 101	Life Science	3	ENG 102	English Composition II	3
<b>ENG 101</b>	English Composition I	3	HIS 103	Western Civilization	3
MAT 110	Interm. Algebra or above	3	MUS 102	Music Theory 1450-1650	3
MUS 101	Music Theory to 1450	3	MUS 162	Major Applied II/Lab	2
MUS 120	Minor Applied I (Piano)	1	MUS 220	Minor Applied II (Piano)	1
MUS 161	Major Applied I/Lab	2	MUS 386	Concert Choir	1
MUS 386	Concert Choir	1		Elective	3
SPE 103	Interpersonal Commun.	3		*Natural Science	3
		19			19

## SOPHOMORE YEAR

Fall		Hours	Spring		Hours
EDU 294	Intro. to Teaching	3	EDU 221	Human Growth: Life Span	
ENG 211	Intro. to Literature	3		Development	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
MUS 201	Music Theory 1650-1820	3	MUS 202	Music Theory 1820-1900	3
MUS 261	Major Applied III/Lab	2	MUS 262	Major Applied IV/Lab	2
MUS 320	Minor Applied III (Piano)	1	MUS 386	Concert Choir	1
MUS 386	Concert Choir	<i>t</i> 1	MUS 420	Minor Applied IV (Piano)	1
	Foreign Language	3	PSY 200	General Psychology	3
		19		Foreign Language	3
					19

## **JUNIOR YEAR**

Fall		Hours	Spring		Hours
ECO 200	Survey of Economics OR		EDU 310	Intro. to Excep. Education	3
POS 101	American Government	3	HED 221	Personal Health/Fitness	2
IGS 300	New Forms of Culture	3	**IGS	301, 302, 303, or 304	3
MUE 325	Microcomputers and Media		MUE 331	Fund./Meth. Elem. School	2
	in the Music Classroom	3	MUE 353	Choral Conducting	1
MUS 301	Form and Analysis	2	MUS 311	Opera Music Theatre Workshop	1
MUS 311	Opera Music Theatre Workshop	1	MUS 322	Music History 1685-1900	3
MUS 321	Music History to 1685	3	MUS 362	Major Applied VI/Lab	2
MUS 336	Phonetics and Diction	1	MUS 386	Concert Choir	1
MUS 361	Major Applied V/Lab	2	PHE	P. E. Activity Course	1
MUS 386	Concert Choir	1			19
		10			4

# SENIOR YEAR

DEI 120	Linn no		
Hours	Spring	(For Te	Hours
3	EDU 494	Supervised leaching	12
2		in Secondary Schools	
1			12
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eur and			
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MILE 000 PLIM			
2			
18			
		3 EDU 494 2 1 1 1 2 1 2 2 1 2 2 1 2	3 EDU 494 Supervised Teaching in Secondary Schools  1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1

\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201. \*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS

Music Theore, 1650-1820

304 (The African-American Experience) \*\*\* Must be selected from the Music Theory, Composition, or Arranging sequences.

Suggested Curriculum BACHELOR OF SCIENCE IN PHYSICAL EDUCATION (Grades K-12)

Total Hours: 138-140

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FRESHMAN YEA	

Fall		Hours	Spring		Hours
*BIO 111	Principles of Biology	4	ART 130	Intro. to Art OR	
ENG 101	English Composition I	3	MUS 130	Intro. to Music	3
HIS 103	Western Civilization	3	ECO 200	Survey of Economics OR	
MAT 110	Interm. Algebra or above	3	POS 101	American Government	3
HED 107	First Aid and Safety	2	ENG 102	English Composition II	3
	Foreign Language	3	SPE 103	Interpersonal Commun.	3
	tate Programme in the Skyll house,	10		Foreign Language	3
		18		Elective	3
					18

## SOPHOMORE YEAR

Fall		Hours	Spring		Hours
BIO 301	Human Anatomy	3	EDU 221	Human Growth: Life Span	
EDU 294	Intro. to Teaching	3		Development	3
ENG 211	Intro. to Literature	3	EDU 325	Microcomputers and Media	
IGS 200	Foundations of Cultures	3		in the Classroom	3
PHE 257	Elementary Rhythmic		HED 221	Personal Health/Fitness	2
	and Dance Activities	2	IGS 201	Convergence of Cultures	3
PSY 200	General Psychology	3	PHE 218	Body Cond./Physical Fitness	1
**PHE	Team Sports Elective	or Plas 1	PHE 259	Movement/Gym Activities	2
	graduates are increasing. These	10	*PHS 201	Physical Sciences I OR	
		18	*PHY 111	Intro. to Physics	3-4
			**PHE	Individual Sports Elective	ication 1 <sub>n</sub>
					18-19

# **JUNIOR YEAR**

Fall		Hours	Spring		Hours
EDU 305	Fund. and Admin. Elem. Ed.	3	***IGS	301, 302, 303, or 304	3
EDU 324	Found. of Education	221.3	PHE 240	Interm. Swimming OR	
IGS 300	New Forms of Culture	3	PHE 351	Lifeguard Training	1-2
PHE 258	Individual and Team Sports		PHE 320	Adapted Physical Ed.	3
	for the Elem. School	2	PHE 323	Prin. of Physical Ed.	3
PHE 324	Sports Injury: Prev./Care	3	PHE 330	Physiology of Exercise	4
PHE 331	Kinesiology/Biomechanics	4	PHE 332	Motor Develop./Motor Learn.	3
	O,	18	**PHE	Team Sports Elective	1
					18-19

Fall

EDU 409

EDU 412

PHE 260

	Hours	Spring	TO MODIFICATION	Hours
Fund. & Adm./Secondary Ed.	3	EDU 494	Supervised Teaching in Secondary Schools	12
Meths./Teaching P.E. Methods and Materials Elem.	BASK M			12
School P. E. Activities	2			

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School P. E. Activities Psych/Socio Aspects PHE 333 of Sports Tests and Measurements PHE 401 for Health and P. E. Org. and Admin. of H.P.E. PHE 421 Individual Sports Elective \*\*PHE

\* Satisfies the Liberal Studies Requirement for Natural Science.

\*\* Students must complete two courses from each of the following: Team Sports Electives: PHE 201, 202, 203, 204, or 205; and

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\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

SENIOR YEAR

# HEALTH, PHYSICAL EDUCATION. AND RECREATION

The Area of Health, Physical Education, and Recreation prepares students pursue further study at the graduate level in Physical Education or to teach Physical Education in the public schools. It prepares students to direct programs in Recreation, Sports Management, and Athletic Training. The area also provides numerous and diverse opportunities for students, faculty, and staff at Kentucky State University to achieve physical fitness and acquire recreational skills for life-time fitness and leisure time activities through its 100-level courses.

# Baccalaureate Programs in Physical Education

The Area of Health, Physical Education, and Recreation offers the Bachelor of Arts degree in Physical Education (non-teaching) and the Bachelor of Science degree in Physical Education (teaching) that may lead to teacher certification. A student may elect either option. Details of the teacher certification program may be found under the Area of Teacher Education subsection of the Division of Education and Human Services.

Employment opportunities for Physical Education majors extend beyond teaching and coaching. Physical Education majors today have begun to consider alternative ways of using their education. As a result of the tremendous surge of public interest in sports and physical activity, alternative career opportunities for Physical Education graduates are increasing. These alternative career possibilities include health-related occupations, sports administration, sports communication, sports marketing, and physical activity instruction.

To satisfy the requirements for the Bachelor of Arts degree in Physical Education (non-teaching), a student must complete a minimum of 129-135 semester credit hours. The required courses are HED 107 and 221; PHE 218, 240 or 351, 257, 259, 320, 323, 324, 330, 331, 332, 333, 355, 401, and 421; BIO 301; BUA 200; and EDU 221. In addition, the student must complete two courses from

each of the following: PHE 201, 202, 203, 204, or 205; and PHE 210, 211, 212, or 213. Major and support courses total 52 semester credit hours. A minor field of study, selected from the minors listed below, is required of nonteaching Physical Education majors.

#### Minors and Endorsements

Minors are available in Recreation and Sports Management and an endorsement is available in Athletic Coaching.

A minor in Recreation requires the completion of 21 semester credit hours. Specific course requirements include ART 102 and REC 101, 201, 322, 364, 390, and 400.

A minor in Sports Management requires the completion of 21 semester credit hours. Specific course requirements include REC 101 and 400; ACC 261; ECO 211; MGT 323; and MKT 351 and 410.

An endorsement in Athletic Coaching requires the completion of 16 semester credit hours and is available to all baccalaureate degree-seeking students, excluding Physical Education majors. Physical Education majors complete the Athletic Coaching endorsement as part of their degree requirements. The purpose of the endorsement in Athletic Coaching is to prepare students with training, knowledge, and experiences to enhance their professionalism and marketability for the coaching profession. Specific course requirements, as recommended by the American Alliance for Health, Physical Education, Recreation, and Dance (AAHPERD), include PHE 324, 330, 331, 333, and 380. NOTE: The endorsement in Athletic Coaching does not lead to certification in teaching.

# Military Science Program (ROTC)

The Military Science Program, formerly part of the area of Health, Physical Education, and Recreation, is now described in the Community Programs section of this catalogue.

# Suggested Curriculum BACHELOR OF ARTS IN PHYSICAL EDUCATION Non-teaching (Minor Required) Total Hours: 129-135

		FRESHMA	N YEAR		Hours
all BIO 111 NG 101 HIS 103 MAT 110	Principles of Biology English Composition I Western Civilization Interm. Algebra or above	Hours 4 3 3 3 3 3	Spring ART 130 MUS 130 ECO 200 POS 101 ENG 102	Intro. to Art OR Intro. to Music Survey of Economics OR American Government English Composition II First Aid and Safety	3 3 3 2
	Foreign Language	16	HED 107 SPE 103	Interpersonal Commun. Foreign Language	$\frac{3}{3}$
		SOPHOMO	ORE YEAR		Hours
		Hours	Spring	The second second second second	2
Fall		3	HED 221	Personal Health/Fitness	3
BIO 301	Human Anatomy	obcens.A-	IGS 201	Convergence of Cultures	1
*CHE 101	General Chemistry I OR		PHE 218	Body Cond. Physical Filliess	2
*PHS 201	Physical Sciences I OR	3-4	PHE 259	Movement/Gym Activities	1
*PHY 111	Intro. to Physics	3	**PHE	Individual Sports Elective	6-7
ENG 211	Intro to Literature	3	11.5	Minor Courses	HALS-LAW SERVICE
IGS 200	Foundations of Cultures	At stale Sco		nent opportunities for Physical Educ	15-16
PHE 257	Flementary Rhythmic and	2			
FIIE 257	and Dance Activities	3			
PSY 200	General Psychology	17-18			
			R YEAR		polansina
		The second second second	Spring		Hour 3
Fall		Hours	BUA 200	Computer Appl. Bus.	3
EDU 221	Human Growth: Life Span	a , modesnow	***IGS	301 302 303, or 304	3
EDU 221	Development	3	PHE 240	Interm Swimming OK	1-2
TCC 200	New Forms of Culture	3	PHE 351	Lifeguard Training	
IGS 300	Prov. and Care Ath. Inj.	3	PHE 323	Prin of Physical Ed.	3
PHE 324	Individual Sports Elective	1	**PHE	Team Sports Elective	1
**PHE	Team Sports Elective	M. Titary Set	PILE	Minor Courses	
**PHE	Minor Course	3		300/400-level	6-7
	Elective	granding ar 3		S britis and seeming resulting	17-19
	nodescool pure her per parties	17			
		SENIC	OR YEAR		Hot
		Hours	Spring	Physical Ed	
Fall	. 1 /D: ahanica	4	PHE 320	Adapted Physical Ed.	
PHE 331	1 Kinesiology/Biomechanics	3	PHE 330	Physiology of Exercise  Physiology of Exercise  Physiology of Exercise	2-
PHE 333	2 Psych/Socio Aspects Sports		PHE 332	Motor Develop./Motor Learn.	2-
PHE 40	1 Test and Measurements	3		Minor Course	
	for Health and r. L.	3		Elective	15-
PHE 42	Org. and Admin. of H.P.E.	2-3			13-1
	Minor Course	15 16			

<sup>\*</sup> Satisfies the Liberal Studies Requirement for Natural Sciences.

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# APPLIED HUMAN SCIENCES

The Area of Applied Human Sciences offers coursework leading to a Bachelor of Arts degree in Child Development and Family Relations and a Bachelor of Arts degree in Textiles, Clothing, and Merchandising. In addition, minors are offered in both Child Development and Family Relations and in Fashion Merchandising.

# Child Development and Family Relations

The baccalaureate degree program in this instructional area prepares students to direct or teach in preschool programs and for work in family service agencies.

To satisfy the requirements for the Bachelor of Arts degree in Child Development and Family Relations, a student must complete a minimum of 128 semester credit hours with 33 semester credit hours in Child Development and Family Relations. The required courses are CDF 101, 102, 203, 204, 305, 315, 316, 407, 408, 409, and 420; and 29 semester credit hours are required from other academic areas. These required courses are ART 101, EDU 310, ENG 260, FNU 101 and 203, HEC 308, MUE 333, SOW 308 and 430, and TCL 311. In fulfilling degree requirements, students must also complete 13 semester credit hours of free electives.

A minor is Child Development and Family Relations requires the completion of 18 semester credit hours. Specific course requirements include CDF 102, 203, 204, and 315; and the remaining 6 semester credit hours may be selected from CDF 420, PSY 400 or 404, SOC 304 or 305, or SOW 308.

# Textiles, Clothing, and Merchandising

The Textiles, Clothing, and Merchandising program is an interdisciplinary program that is designed to provide knowledge and skills necessary for those who desire professional careers in the fashion and retail industry. Students may select areas of specialization in Art or Business.

The Textiles, Clothing, and Merchandising program combines classroom instruction and field experiences in the clothing industry. Graduates are prepared for careers in retail management, buying, sales supervision, advertising, fashion, display, consumer services, personnel, and credit.

To satisfy the requirements for the Bachelor of Arts degree in Textiles, Clothing, and Merchandising, a student must complete a minimum of 128 semester credit hours for each degree option, with 39 semester credit hours in Textiles, Clothing, and Merchandising. The required core courses are TCL 101, 212, 221, 222, 231, 311, 318, 337, 342, and 410.

Students selecting the Business option must, in addition to the core coursework, complete ACC 261, BUA 200, MGT 323, MKT 351, and MKT 453; a 3 semester credit hour Business elective at the 300/400-level; 12 semester credit hours of free electives; and 6 semester credit hours of support courses: HEC 304 and 308.

Students selecting the Art option must, in addition to the core coursework, complete ART 110, 112, 211, 305, 307, and 405; 6 semester credit hours of free electives; and 12 semester credit hours of support courses selected from ACC 261, BUA 200, HEC 304 or 308, or MKT 351.

A minor is Fashion Merchandising requires the completion of 21 semester credit hours. Specific course requirements include TCL 101, 212, 221, 231, and 311; and the remaining 6 semester credit hours may be selected from TCL 222, 318, 337, or 342.

<sup>\*\*</sup> Students must complete two courses from each of the following: Team Sports Electives: PHE 201, 202, 203, 204, or 205; and

# Suggested Curriculum BACHELOR OF ARTS IN CHILD DEVELOPMENT AND FAMILY RELATIONS **Total Hours: 128**

		FRESHMA	N YEAR		ni osigota il
Fall		Hours 3	Spring ART 130	Intro. to Art OR	Hours
BIO 101	Life Science	dam.	MUS 130	Intro. to Music	3
CDF 101	Intro. to Early Childhood	ebul?	CDF 102	Family Development	3
	Education	3	ENG 102	English Composition II	3
ENG 101	English Composition I	3	HED 221	Personal Health/Fitness OR	techto ven
HIS 103	Western Civilization		PHE	P. E. Activity Courses	2 3
MAT 110	Interm. Algebra or above	3	SPE 103	Interpersonal Commun.	3
1411 11 110	TO TO EDG STATE AND AND THE AND THE	15	51 E 105	*Natural Science	3
				mad Desempled a matrianum of 128 servi	17
	is include TCL 101, 212, 221, 231, a simulate from the semaster credit beauty man	SOPHOMO	ORE YEAR		nitw Types
			Spring		Hours
Fall		Hours	ART 101	Early Elem. School Art	3
CDF 203	Child Development I	3	CDF 204	Child Development II	3
ENG 211	Intro. to Literature	3		Survey of Economics OR	
FNU 101	Intro. to Foods	3	ECO 200	American Government	3
IGS 200	Foundations of Cultures	3	POS 101	Nutrition and Health	2
PSY 200	General Psychology OR		FNU 203	Convergence of Cultures	3
SOC 203	Prin. of Sociology	3	IGS 201	Foreign Language	3
SOC 203	Foreign Language	3		Foreign Language	17
		18			ed and of
		JUNIO	R YEAR		una (El Marie
		Hours	Spring		Hours
Fall	HILLIAM LINES IN THE CE	3	CDF 316	Teacher's Role in	3
CDF 305	Material/Meth. in ECE	3		Fam/Sch. Relations	3
<b>CDF 315</b>	Child Guidance	3	<b>HEC 308</b>	Family Consumer Problems	
EDU 310	Intro. to Exceptional Educ.	3	**IGS	301, 302, 303, or 304	3
<b>ENG 260</b>	Children's Literature	3	MUE 333	Fund, of Music for	interdiscip
<b>IGS 300</b>	New Forms of Culture		WICE coc	Early Elementary Teachers	3
		15	SOW 308	B Dynamics of Marriage	ran famolog
			50,, 500	and Family Relations	3
				Elective	3
					18
		SENIC	OR YEAR		
					Hour
Fall		Hours	Spring	Adv. Practicum in ECP II	3
CDF 407	Adv. Practicum in ECP I	3	CDF 408		3
CDF 409	- 1 A 1 i of ECHP	3	SOW 43		7
CDF 409		3			13
TCL 311	1 1	5-16			
ICL 311	Aspects of Clothing	3			
	Elective	3			

# Suggested Curriculum BACHELOR OF ARTS IN TEXTILES, CLOTHING, AND MERCHANDISING with a Specialization in Art Total Hours: 128

		FRESHM	AN YEAR		
Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR		ART 110	Basic Drawing I	3
MUS 130	Intro. to Music	3	ENG 102	English Composition II	3
BIO 101	Life Science	3	HED 221	Personal Health/Fitness OR	
ENG 101	English Composition I	3	PHE	P. E. Activity Courses	2
HIS 103	Western Civilization	3	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3	TCL 101	Intro. to Fashion Mdsg.	3
	r Drafting and Harding Whiteless	15		*Natural Science	3
		13			17
					00, 101, 108,
		SOPHOMO	ORE YEAR		
Fall		Hours	Spring		Hours
ART 112	Two-Dimensional Design	3	**ECO 211	Prin. of Economics I	3
ENG 211	Intro. to Literature	3	IGS 201	Convergence of Cultures	3
IGS 200	Foundations of Cultures	3	PSY 200	General Psychology OR	
TCL 212	Apparel Quality Analysis	3	SOC 203	Prin. of Sociology	3
TCL 221	Textiles I	3	TCL 222	Textiles II	3
	Foreign Language	3	TCL 231	Intro. to Design	3
	TER SCIEN alangual majoro?	18		Foreign Language	3
					18
		JUNIO	R YEAR		
Fall		Hours	Spring		Hours
ART 307	Photography I	3	ART 305	Commercial Art I	3
ART 211	Basic Drawing II	3	****IGS	301, 302, 303, or 304	3
IGS 300	New Forms of Culture	3	TCL 318	Historic Costume	3
TCL 311	Social and Psychological	an top between	TCL 342	Fashion Mdsg.	3
ICL 311	Aspects of Clothing	3	apagor may	***Support Course	3
TCL 337	Fashion Analysis	3		Science. An endorschight of the	ning Long
TCL 557	***Support Course	3			15
	of Science Degree	18			
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
TCL 410	Practical Problems	Hours	ART 405	Commercial Art II	3
ICL 410	and Field Experience	12	AKI 400	Electives	6
	and rield experience			***Support Courses	6
		12		cupport courses	
					15

<sup>\*</sup> May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

<sup>\*</sup> May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* Satisfies the Liberal Studies Requirement for Social Sciences.

\*\*\* Support courses are to be selected with the assistance of an advisor and may be selected from the following: ACC 261, BUA 200,

HEC 304 or 308, or MKT 351.

\*\*\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF ARTS IN TEXTILES, CLOTHING, AND MERCHANDISING with a Specialization in Business Total Hours: 128

		iotai iio	uis. 120		
		FRESHMA	AN YEAR		
Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR	AKT TID	BUA 200	Computer Appl. Bus.	3
MUS 130	Intro. to Music	3	ENG 102	English Composition II	3
BIO 101	Life Science	3	HED 221	Personal Health/Fitness OR	
ENG 101	English Composition I	3	PHE	P. E. Activity Courses	2
HIS 103	Western Civilization	3	SPE 103	Interpersonal Commun.	3
MAT 110	Interm. Algebra or above	3	TCL 101	Intro. to Fashion Mdsg.	3
WIAI 110	entitle factor			*Natural Science	3
		15			17
					17
		COMMON	ODE VEAR		
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
ACC 261	Prin. of Accounting I	3	1Type	**ECO 211 Prin. of Economics I	3
ENG 211	Intro. to Literature	3	IGS 201	Convergence of Cultures	3
IGS 200	Foundations of Cultures	3	PSY 200	General Psychology OR	MAL EL
TCL 212	Apparel Quality Analysis	3	SOC 203	Prin. of Sociology	3
TCL 221	Textiles I	3	TCL 222	Textiles II	3
1	Foreign Language	3	TCL 231	Intro. to Design	3
	Foreign Language	18		Foreign Language	3
		10			18
		IIINIO	R YEAR		
					House
Fall		Hours	Spring	FameSch. Relations	Hours 3
IGS 300	New Forms of Culture	3	HEC 304	Home Furn. and Design	
MKT 351	Prin. of Marketing	3	***IGS	301, 302, 303, or 304	3
TCL 311	Social and Psychological		MGT 323	Prin. of Management	3
	Aspects of Clothing	3	TCL 318	Historic Costume	3
TCL 337	Fashion Analysis	3	TCL 342	Fashion Merchandising	3
	Electives	6			15

### SENIOR YEAR

Fall TCL 410	Practical Problems	Hours	Spring HEC 308	Family Consumer Problems	Hours 3
TCL 410	and Field Experience	12	MKT 453	Prin. of Retailing ****Elective 300/400-level	3
		12		Electives	6

<sup>\*</sup> May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\* Satisfies the Liberal Studies Requirement for Social Sciences.

\*\*\*\* May be selected from any 300/400-level course with a prefix of ACC, BUA, BUE, ECO, MGT, or MKT.

# THE DIVISION OF COMPUTER AND TECHNICAL SCIENCES

The Division of Computer and Technical Sciences prepares students for careers in Computer Science, Industrial Technology, and Administrative Support Service (Office Administration). Both baccalaureate and associate degrees in Computer Science are offered, and the associate degree curriculum is articulated with the baccalaureate degree program. In addition, associate degree offerings in occupational and technical programs are available in Drafting and Design Technology, Electronics Technology, and Administrative Support Services. These programs are particularly directed toward providing skilled technicians for the University's primary service area.

Faculty of the Division are frequently asked to present workshops and training programs for local businesses, governmental agencies, and service organizations, thus helping keep the programs current and relevant. Students are often placed in internships and cooperative programs to help prepare them for the transition to the work place.

## COMPUTER SCIENCE

The Area of Computer Science offers courses leading to the Bachelor of Science degree in Computer Science and the Associate in Applied Science degree in Computer Science. Students pursuing a bachelor's degree select either the Business or Mathematics Option. Courses in these programs focus on computer programming, hardware organization, systems design and analysis, algorithmic development, data structures, database creation and management, computer networks and telecommunications, artificial intelligence, and information processing.

## Bachelor of Science Degree

The Area of Computer Science offers a baccalaureate degree program in Computer Science modeled in accordance with guidelines established by the Computer Science Accreditation Board (CSAB). Students pursuing this program study a range of courses designed to prepare them for careers in business and industry as systems design and analysis professionals or for advanced study in graduate schools.

To satisfy the requirements for the Bachelor of Science degree in Computer Science (Business option), a student must complete a minimum of 129 semester credit hours. The required core courses are COS 100, 108, 109, 212, 220, 230, 240, 300, 302, 310, 340, 350, 400, 410, 490; and a 3

semester credit hour Computer Science elective at the 300/400-level.

Students selecting the Business option must, in addition to the core coursework, complete 12 semester credit hours of free electives, 6 of which must be at the 300/400-level; 7-10 semester credit hours in the natural sciences; and 15 semester credit hours of support courses: ACC 261 and 262, ECO 311 and 312, and MAT 125.

To satisfy the requirements for the Bachelor of Science degree in Computer Science (Mathematics option), a student must complete a minimum of 134 semester credit hours. The required core courses are COS 100, 108, 109, 212, 220, 230, 240, 300, 302, 310, 340, 350, 400, 410, 490; and a 3 semester credit hour Computer Science elective at the 300/400-level.

Students selecting the Mathematics option must, in addition to the core coursework, complete 15 semester credit hours of free electives, 9 of which must be at the 300/400-level; 7-10 semester credit hours in the natural sciences; and 17 semester credit hours of support courses: MAT 120, 201, 202, and 321.

A minor in Computer Science or Computer Information Systems is also offered. The minor in Computer Science requires the completion of 21 semester credit hours. Specific course requirements include COS 108, 109, 212, 220, 302, 310, and 340. The minor in Computer Information Systems (CIS) requires the completion of 21 semester credit hours. Specific course requirements include COS 108, 109, 200, 230, 240, 300, and 410.

Any student pursuing a secondary teacher education major may elect to obtain an endorsement for teaching Computer Science. An endorsement for teaching Computer Science requires the completion of 21 semester credit hours. Specific course requirements include COS 101, 108, 109, and 250 or 310 or 340; EDU 325; MAT 125 or above; and the remaining 3 semester credit hours must be selected from PSY/POS/SOC/SOW 300, MAT 321. ECO 311, or PUA 203.

<sup>\*\*\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF SCIENCE IN COMPUTER SCIENCE (Business Option) Total Hours: 129-132

## FRESHMAN YEAR

Hours
of Computer Science II 3
of Economics OR
can Government 3
Composition II 3
ersonal Commun.
a/CalcBus.Applic. 3
took network and Dearley Stock
gue satureinimba bus yyolo 15
7

# SOPHOMORE YEAR

Fall		Hours	Spring		unio della Caracana
ACC 261	Prin. of Accounting I	3	ACC 262	Prin. of Accounting II	Hours 3
ART 130	Intro. to Art OR	irrabusid	COS 220	Computer Organization	3
MUS 130	Intro. to Music	3	COS 240	File Processing	to our etner 3
COS 212	Assembly Lang. Programming	3	ENG 211	Intro. to Literature	or of Emerica
COS 230	Programming in COBOL	3	IGS 201	Convergence of Cultures	400.00 3
IGS 200	Foundations of Cultures	3		Foreign Language	3
	Foreign Language	3		SCHOOL COMMENT	Maru The Mark
		18			18

# JUNIOR YEAR

Fall COS 302 COS 340 IGS 300 PSY 200 SOC 203	Operating Systems Data Structure New Forms of Culture General Psychology OR Prin. of Sociology *Natural Science	Hours 3 3 3 3 4-5	Spring COS 310 COS 350 ***IGS	Discrete Computing Structure Organization of Prog. Lang. 301, 302, 303, or 304 Elective **Natural Science	Hours 3 3 3 3 3 3-5
		16-17			15-17

## SENIOR YEAR

Fall COS 300 COS 410 COS ECO 311	Systems Design and Dev. I Database Mgt. Systems Elective 300/400-level Business Statistics I Elective	Hours 3 3 3 3 3 3	Spring COS 400 COS 490 ECO 312	Systems Design and Dev. II Seminar in Computer Science Business Statistics II Electives 300/400-level	Hours 3 3 3 6
		15			15

\* May be selected from BIO 111, CHE 101, or PHY 211; satisfies the Liberal Studies Requirement for Natural Sciences.

\*\* May be selected from BIO 210 or 212, CHE 102, or PHY 212; satisfies the Liberal Studies Requirement for Natural Sciences.

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF SCIENCE IN COMPUTER SCIENCE (Mathematics Option) Total Hours: 134-137

# FRESHMAN YEAR

Fall COS 100 COS 108 ENG 101 HED 221 PHE HIS 103 MAT 115	Intro. to Computers Prin. of Computer Science I English Composition I Personal Health/Fitness OR P. E. Activity Courses Western Civilization College Algebra or above	Hours 3 3 3 2 2 3 3	Spring COS 109 ECO 200 POS 101 ENG 102 SPE 103 MAT 120	Prin. of Computer Science II Survey of Economics OR American Government English Composition II Interpersonal Commun. Precalculus or above	Hours 3 3 3 4
		17			16

# SOPHOMORE YEAR

Fall ART 130 MUS 130 COS 212 COS 230 MAT 201	Intro. to Art OR Intro. to Music Assembly Lang. Programming Programming in COBOL Calculus I Foreign Language	3 3 3 5 3	Spring COS 220 COS 240 ENG 211 MAT 202	Computer Organization File Processing Intro. to Literature Calculus II Foreign Language	Hours 3 3 3 5 3
		17			17

		JUNIO	R YEAR		
Fall COS 302 COS 340 IGS 200 PSY 200 SOC 203	Operating Systems Data Structure Foundations of Cultures General Psychology OR Prin. of Sociology *Natural Science	Hours 3 3 3 3 4-5 16-17	Spring COS 310 COS 350 IGS 201	Discrete Computing Structure Organization of Prog. Lang. Convergence of Cultures Elective **Natural Science	Hours 3 3 3 3 3 5 15-17

to osta		SENIO	R YEAR		
Fall COS 300 COS 410 COS IGS 300 MAT 321	Systems Design and Dev. I Database Mgt. Systems Elective 300/400-level New Forms of Culture Prob. and Statistics Elective	Hours 3 3 3 3 3 3 3 3	Spring COS 400 COS 490 ***IGS	Systems Design and Dev. II Seminar in Computer Science 301, 302, 303, or 304 Electives 300/400-level	Hours 3 3 3 9 18

\* May be selected from BIO 111, CHE 101, or PHY 211; satisfies the Liberal Studies Requirement for Natural Sciences.

\*\*\* May be selected from BIO 210 or 212; CHE 102, or PHY 212, satisfies the Liberal Studies Requirement for Natural Sciences.

\*\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Associate in Applied Science Degree

The Area of Computer Science offers an Associate in Applied Science degree in Computer Science for students seeking entry-level positions in data processing or for students planning to prepare for further study in a baccalaureate degree program. Graduates with an associate degree develop computer programming skills and analysis techniques that prepare them for positions as programmers, programmer analysts, and computer systems operators.

To satisfy the requirements for the Associate in Applied Science degree in Computer Science, a student must complete a minimum of 64 semester credit hours. The required courses are COS 100, 103, 108, 109, 200, 212, 220, 230, 240, and 250. The remaining requirements include: ENG 101, 102, and 216; HIS 103; MAT 115 and 120; SPE 103; and 6 semester credit hours of free electives. In addition students must complete one of the following sequences: ACC 261 and 262; or MAT 201 and 202; or BIO 111 and 210 or 212; or CHE 101 and 102; or PHY 211 and 212

# Suggested Curriculum ASSOCIATE IN APPLIED SCIENCE IN COMPUTER SCIENCE Total Hours: 64-68

#### FRESHMAN YEAR

Fall		Hours	Spring		Hours
COS 100	Intro. to Computers	3	COS 109	Prin. of Computer Science II	3
COS 108	Prin. of Computer Science I	3	COS 113	Report Program Generator	3
ENG 101	English Composition I	3	<b>ENG 102</b>	English Composition II	3
MAT 115	College Algebra or above	3	HIS 103	Western Civilization	3
SPE 103	Interpersonal Commun.	3	MAT 120	Precalculus or above	4
		15			16

#### SOPHOMORE YEAR

Fall		Hours	Spring		Hours
*ACC 261	Prin. of Accounting I OR		*ACC 262	Prin. of Accounting II OR	
	Calculus I or above OR		*MAT 202	Calculus II or above OR	
	*Natural Science	3-5		*Natural Science	3-5
COS 200	Intro. to CIS	3	COS 220	Computer Organization	3
COS 212	Assembly Lang. Programming	3	COS 240	File Processing	3
COS 230	Programming in COBOL	3	COS 250	Advanced Programming Tech.	3
	Elective	3	ENG 216	Technical Writing	3
		15-17		Elective	3
					18-20

<sup>\*</sup> Students must complete one of the following sequence options: Business option: ACC 261 and 262; OR Mathematics option: MAT 201 and 202; OR Natural Science option: BIO 111 and 210 or 212; OR CHE 101 and 102; OR PHY 211 and 212.

NOTE: Students selecting the Mathematics option may not enroll in MAT 314.

# INDUSTRIAL TECHNOLOGY

The Area of Industrial Technology offers occupational and technical programs that lead to Associate in Applied Science degrees in Drafting and Design Technology and Electronics Technology. These programs are designed to address 1) the technical needs of students who seek preparation for or a change in industrial employment, 2) the in-service needs of technicians who seek to improve their technical knowledge and skills to keep pace with changing technology in industry, and 3) the needs of those who desire personal enrichment or orientation by taking courses in these areas.

Several courses are offered in the field of manufacturing that are designed to serve employees of small manufacturing enterprises. These courses include such topics as manufacturing, motion and time study, plant layout, and advanced robotics. Information about these courses is available by contacting the Chairperson of the Division of Computer and Technical Sciences.

Eligible students may be granted academic credit through an articulation agreement with the Department of Vocational/Adult Education of the Workforce Development Cabinet. This agreement applies to coursework previously taken through post-secondary state vocational education institutions in Kentucky when these courses are similar in content and learning outcomes and exceed the number of contact hours for courses taught at Kentucky State University. For complete information on transferring credit through this agreement, students should contact the Chairperson for the Division of Computer and Technical Sciences.

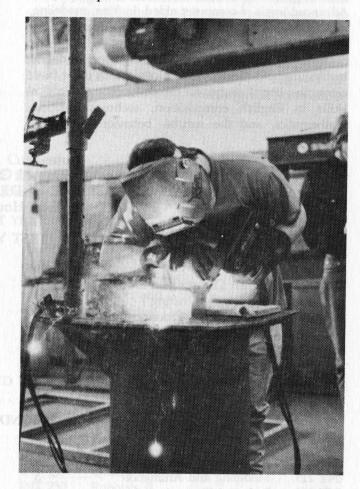
The Area of Industrial Technology actively supports the following goals of Kentucky Tech Prep:

- to reinforce student interest and enhance achievement in academic and technical skills;
- to integrate curriculum at both the secondary and postsecondary levels in a sequence of courses leading to an associate degree in a technical field;
- to establish articulation among secondary/postsecondary institutions, colleges, and universities;
- to prepare and assist students for entry into the workforce; and
- to upgrade vocational/technical courses to meet current and future needs.

The Area of Industrial Technology is currently associated with three Tech Prep consortia based in Shelbyville, Harrodsburg, and Franklin County. Rapid advances in technology in the workplace have brought about significant changes in competencies required of the labor force. Employers are in need of workers who can

apply higher math and science competencies, communicate effectively (both written and oral), and demonstrate problem-solving skills.

In order to meet the challenges of today and to plan for the technological changes of the future, the programs offered through the Area of Industrial Technology have been designed to assist students in the enhancement of their education to better prepare them for the demands of the workplace.



# Drafting and Design Technology

The Associate in Applied Science degree in Drafting and Design Technology at Kentucky State University prepares students to function as technicians in manufacturing, construction, architectural and engineering firms, and in governmental agencies. Students are trained to understand modern conventions currently used by industry, develop high-technology skills, and apply their knowledge through selected course activities and projects. Advanced levels of computer-aided drafting, modeling, and animation provide state-of-the-art advantages for students.

The courses required for earning an associate degree in Drafting and Design Technology are in three basic categories: liberal studies for the development of critical skills in English composition, technical writing, mathematics, and the natural, behavioral, or social sciences; Drafting and Design Technology core courses for developing skills useful in today's highly technical occupations such as computer-aided drafting, manufacturing, and manufacturing processes; and a course in computer science to ensure that graduates are computer literate.

To satisfy the requirements for the Associate in Applied Science degree in Drafting and Design Technology, a student must complete a minimum of 64 semester credit hours. The required courses are INT 101, 102, 104, 141 or 142, 201 or 215, 202, 203 or 211, 208, 210, 213 or 246 or 249, and 248. The remaining courses include COS 100; ENG 101, 102, and 216; MAT 115 and 120; PHS 201 or PHY 111; PSY 200 or SOC 203; SPE 103; and 3 semester credit hours of free electives.

# Suggested Curriculum ASSOCIATE IN APPLIED SCIENCE IN DRAFTING AND DESIGN TECHNOLOGY Total Hours: 64

FIRST YEAR

Fall		Hours	Spring		Hours
ENG 101	English Composition I	3	COS 100	Intro. to Computers	3
INT 101	Engineering Drafting I	3	ENG 102	English Composition II	3
INT 141	Intro. to Metal Processes OR		INT 102	Engineering Drafting II	3
INT 141	Machine Tool Processing	3	INT 104	Descriptive Geometry	3
MAT 115	College Algebra or above	3	MAT 120	Precalculus or above	4
SPE 103	Interpersonal Commun.	3	NUMBER OF STREET		16
31 E 103	mierpersonar commun.				10
		15			
			Cimentinud		
		SECONI	D YEAR		
Fall		Hours	Spring		Hours
INT 201	Architectural Drafting OR	3	ENG 216	Technical Writing	3
INT 215	Modeling and Animation	3	INT 203	Civil Drafting OR	
INT 202	Technical Illustration	3	INT 211	Fund. of Tool Design	3
INT 208	Computer-Aided Drafting I	3	INT 210	Computer-Aided Drafting II	3
INT 248	Robotics I	3	INT 246	Numerical Cont. Fund. OR	
PHS 201	Physical Sciences I OR		INT 249	Quality Control	3
PHY 111	Intro. to Physics I	3	PSY 200	General Psychology OR	
1111 111	Elective	3	SOC 203	Prin. of Sociology	3
	Licetive			ruture weeds	15
		18			13

# **Electronics Technology**

The Associate in Applied Science degree in Electronics Technology at Kentucky State University is designed for students who desire a career in electronics technology or who are employed as technicians in positions related to electronics technology, such as basic electronics assemblers, electrical equipment installers, component testers, consumer electronics technicians, and electrical appliance technicians. Students develop other skills associated with electronics through laboratory experience and course lectures in hydraulics, pneumatics, and robotics.

The courses required for earning an associate degree in Electronics Technology are in three basic categories: liberal studies for the development of critical skills in English composition, technical writing, mathematics, and the natural, behavioral, or social sciences; Electronics Technology core courses for developing a fundamental understanding of electrical circuitry, solid state electronics, motors and controls, and industrial materials; and a course in computer science to ensure that graduates are computer literate.

To satisfy the requirements for the Associate in Applied Science degree in Electronics Technology, a student must complete a minimum of 64 semester credit hours. The required courses are INT 101, 124, 126, 128, 141, 208, 213 or 253, 225 or 227, 228 or 229, 248, and 249 or 250. The remaining courses include COS 100; ENG 101, 102, and 216; MAT 115 and 120; PHS 201 or PHY 111; PSY 200 or SOC 203; SPE 103; and 3 semester credit hours of free electives.

# Suggested Curriculum ASSOCIATE IN APPLIED SCIENCE IN ELECTRONICS TECHNOLOGY Total Hours: 64

		FIRST	YEAR		
Fall		Hours	Spring		Hours
ENG 101	English Composition I	3	COS 100	Intro. to Computers	3
INT 101	Engineering Drafting I	3	ENG 102	English Composition II	3
INT 141	Intro. to Metal Processes	3	INT 126	Motors and Controls	3
INT 124	Basic Electricity (AC/DC)	3	INT 128	Solid State Devices	3
MAT 115	College Algebra or above	3	MAT 120	Precalculus or above	4
		15			16
		SECON	D YEAR		
Fall		Hours	Spring		Hours
INT 208	Computer-Aided Drafting I	3	ENG 216	Technical Writing	3
INT 213	Manufacturing OR		INT 228	Pulse Circuits & Servos OR	
INT 253	Hydraulics/Pneumatics	3	INT 229	Programmable Logic Ctrlrs.	3
INT 225	Reg/Oscil/Lin. Devices OR		INT 249	Quality Control OR	
INT 227	Elec. Logic/Micro Proc.	3	INT 250	Robotics II	3
INT 248	Robotics I	3	PSY 200	General Psychology OR	
PHS 201	Physical Sciences I OR		SOC 203	Prin. of Sociology	3
PHY 111	Intro. to Physics I	3	SPE 103	Interpersonal Commun.	3
	Elective	3			15
		18			15

# ADMINISTRATIVE SUPPORT SERVICES

The Associate in Applied Science degree in Administrative Support Services is designed for students who wish to become practicing office professionals. The program emphasizes the development of skills, attitudes, and knowledge needed by office professionals for success in today's highly technological offices. Successful completion of this program prepares students for positions as administrative assistants, executive secretaries, document processors, records management supervisors, and other administrative positions within the office environment.

The program is designed to provide students with a basic knowledge of accounting, psychology, business organizations, fundamental office skills, sophisticated office equipment and technology, and modern office management. A minimum of 66 semester credit hours is required for the completion of the program. The curriculum includes a strong liberal studies component and a core of professional and support courses.

To satisfy the requirements for the Associate in Applied Science degree in Administrative Support Services, a student must complete a minimum of 66 semester credit hours. The required courses are ADM 103, 121, 220, 222, 224, 225, 228, 230, 231, and 242. The remaining courses include ACC 261, ECO 200, ENG 101 and 102, MAT 110, PSY 200 or SOC 203, SPE 103, 6 semester credit hours of advised electives, 6 semester credit hours of professional electives, and 3 semester credit hours of free electives.

Through an articulation agreement with the Department of Vocational/Adult Education of the Workforce Cabinet, the Administrative Support Services Program also offers eligible students the opportunity to gain academic credit for coursework previously taken through post-secondary vocational education institutions in the state of Kentucky. Such coursework, which is similar in content and learning outcomes and exceeds the number of contact hours for courses taught at Kentucky State University, may be covered by the articulation agreement. Students who wish to assess their eligibility for articulating academic credit should contact the Chairperson of the Division of Computer and Technical Sciences.

Fall

# Credit for the Certified Professional Secretaries' (CPS) Designation

Persons successfully completing the Certified Professional Secretaries' (CPS) exam and maintaining current CPS designation will be awarded 18 semester credit hours for the following courses: ADM 121, 220, 222, and 242; ACC 261; and ECO 211. To be awarded this credit, the student must be an official associate degree-seeker in Administrative Support Services and have completed at least 12 semester credit hours of courses as prescribed in the Administrative Support Services curriculum. For more information, contact the Chairperson of the Division of Computer and Technical Sciences.

# Suggested Curriculum · ASSOCIATE IN APPLIED SCIENCE IN ADMINISTRATIVE SUPPORT SERVICES **Total Hours: 66**

# FIRST YEAR

*ADM 103 ADM 121 ENG 101 MAT 110	Interm. Keyboarding Intro. to Business English Composition I Interm. Algebra or above Elective	Hours 3 3 3 3 3 15	Spring ADM 225 ENG 102 PSY 200 SOC 203 SPE 103	Spreadsheet Applications English Composition II General Psychology OR Prin. of Sociology Interpersonal Commun. Elective	Hours 3 3 3 3 3
2 9		SECON	D YEAR		15
ADM 220 ADM 224 ADM 230 ECO 200	Prin. of Accounting I Commun. for the Office Information Records Mgt. Word Processing Survey of Economics **Elective	Hours 3 3 3 3 3 3 3 18	Spring ADM 222 ADM 228 ADM 231 ADM 242	Office System Procedures Office Applic. in Accounting Information Processing Office Management ***Elective	Hours 3 3 3 3 6 18

\* Students who do not possess basic keyboarding skills must take ADM 100 (Elementary Keyboarding) before enrolling in ADM 103 (In-

\*\* With approval of the student's advisor, the student must select 6 semester credit hours of advised electives from any of the following

Arts and Humanities; Behavioral and Social Sciences; and Mathematics and Natural Sciences.

\*\*\* With approval of the student's advisor, the student must select 6 semester credit hours of professional electives from one professional

Biology; Business; Chemistry; Computer Science; Education; Human Sciences; Industrial Technology; Nursing; Physics; Public Administration; or Social Work and Criminal Justice.

# THE DEPARTMENT OF NURSING

The Associate in Applied Science degree in Nursing at Kentucky State University is accredited by the National League of Nursing and approved by the Kentucky Board of Nursing. Upon successful completion of the associate degree program and successful completion of the National Council Licensure Examination-R.N., students qualify to practice as licensed registered nurses in Kentucky.

The curriculum is divided into liberal studies, support, and Nursing components. The liberal studies and support course components comprise approximately one-half of the total semester credit hours and focus on the development of critical skills in English composition and mathematics and on the acquisition of basic knowledge in the biological, behavioral, and social sciences. The Nursing component concentrates on nursing concepts and clinical practice.

To satisfy the requirements for the Associate in Applied Science degree in Nursing, a student must complete a minimum of 73 semester credit hours and obtain a satisfactory score on a comprehensive exit examination. The required courses are NUR 101, 102, 201, 202, and 203. The remaining required courses in the nursing curriculum are BIO 107, 108, and 204; EDU 221; ENG 101 and 102; FNU 104; MAT 110; PSY 200; SOC 203; and 3 semester credit hours of free electives.

Students must receive a grade of "C" or above in all required courses in the nursing curriculum.

Oral communication competency is fulfilled through the completion of Nursing classroom activities, oncampus Nursing laboratory experiences, and clinical assignments. Each emphasizes the use of verbal and nonverbal communication skills.

The Department of Nursing is responsible for all components of the program, including the selection, supervision and evaluation of Nursing students, and the curriculum — both instructional and clinical.

The Nursing curriculum ladder is the recommended sequence of liberal studies, support, and Nursing courses. This ladder applies only to the student who is directly admitted into the day program (full-time) for two years and who successfully completes all required courses in the curriculum.

The Department of Nursing has developed flexible course schedules for students who must work while pursuing a Nursing degree. Students may obtain a degree in Nursing by enrolling on a full-time or part-time basis and by attending classes in the daytime or the evening, whichever meets individual needs. Students attending the evening section can expect to be enrolled a minimum

of three academic years and must complete all other required courses in the curriculum (BIO 107, 108, and 204; EDU 221; ENG 101 and 102; FNU 104; MAT 110; PSY 200; SOC 203; and 3 semester credit hours of free electives) before enrolling in NUR 101 (Nursing I).

# **Admission Requirements**

Admission to the Associate in Applied Science in Nursing program requires that an applicant have a minimum Enhanced ACT composite score of 21. The scores must be within the last five years. In addition, the applicant must be eligible to enroll in ENG 101. The Career Planning Program-Level II Test (CPP-II) is not accepted by the Department of Nursing. In addition, the student must have a minimum cumulative grade-point average of 2.0 in high school coursework and in any previous college/university coursework taken. In addition, applicants must be certified in cardiopulmonary resuscitation (CPR) prior to enrolling in NUR 101 (Nursing I). Applicants who have been convicted of a misdemeanor or felony should contact the Chairperson for the Department of Nursing or the Kentucky Board of Nursing at the time of application for admission to the Nursing program.

The Department of Nursing welcomes licensed practical nurses who are seeking to further their education. Licensed practical nurses may be admitted, as any other students, by following the admission criteria above. However, the Licensed Practical Nurse must submit a copy of his/her current license and an official transcript from the practical nursing program. Licensed practical nurses may be exempted from taking NUR 101 (Nursing I) by successfully completing the ACT-PEP Fundamentals of Nursing Examination and a nursing skills test administered by the Department of Nursing. A minimum score of 50 is required on the ACT-PEP, and a satisfactory performance is required on the nursing skills test as determined by the Department of Nursing.

Applicants must complete an application for admission to the University and the Department of Nursing. The prospective Nursing student who plans to enter the Nursing program must complete and forward the following to the Chairperson, Department of Nursing, Kentucky State University, Frankfort, Kentucky 40601: An Application for Admission to the Department of Nursing, transcripts of high school coursework and any previous college/university coursework, and ACT scores. The deadline for receipt of this information by the Department of Nursing for the fall semester is March 15 of each year. Applications and credentials received after this date are not considered. It is THE RESPONSIBILITY OF THE

APPLICANT to see that all required credentials are on file in the Department of Nursing. Applicants will be notified in writing whether or not they have been admitted to the Nursing program.

Applicants not admitted to the Nursing program may choose to complete a Pre-Nursing curriculum and then re-apply for admission to the Nursing program. Successful completion of the Pre-Nursing curriculum does NOT guarantee acceptance into the Nursing program. To be evaluated for admission, Pre-Nursing students must have a minimum cumulative grade-point average of 2.0 and must have completed each of the following required courses with a grade of "C" above: BIO 107, 108, and 204; ENG 101 and 102; FNU 104; and MAT 110. Grades for each of these courses must be in the Department of Nursing by March 15 to apply for the fall semester.

Admission into the Nursing program is competitive; meeting the minimum admission requirements by either of the routes described above does not guarantee acceptance into the program. Applications are NOT carried over from year to year. Applicants must re-apply for admission into the Nursing program.

## Re-admission

After any interruption of studies at Kentucky State University, a Nursing student may be required to audit some classes that were previously taken. Also, any student whose Nursing studies have been interrupted for one semester or more must demonstrate sufficient recall of concepts and information from prior courses before a decision on re-admission is made. A score of 77% must be obtained on the re-admission exam. The re-admission exam is given once.

## Expenses

Nursing students pay the same general fees and tuition as do other students at the University. However, students in the Nursing program incur additional expenses for uniforms, caps, name pin, nursing emblem, liability insurance, bandage scissors, white nurse's shoes, white hosiery, wrist watch with sweep hand, and testing, laboratory, and travel fees.

# Suggested Curriculum ASSOCIATE IN APPLIED SCIENCE IN NURSING Total Hours: 73

## FIRST YEAR

Fall		Hours	Spring		Hours
BIO 107	Anatomy & Physiology I	4	BIO 108	Anatomy & Physiology II	4
ENG 101	English Composition I	3	ENG 102	English Composition II	3
MAT 110	Interm. Algebra or above	3	NUR 102	Nursing II	8
NUR 101	Nursing I	8	PSY 200	General Psychology	3
		18			18
		SECON	D YEAR		
Fall		Hours	Spring		Hours
BIO 204	Fund. of Microbiology	3	NUR 202	Nursing IV	10
EDU 221	Human Growth: Life Span		NUR 203	Nursing V	2
	Development	3	SOC 203	Prin. of Sociology	3
FNU 104	Basic Nutrition	3		Elective	3
NUR 201	Nursing III	10			18
		19			

# THE DIVISION OF SOCIAL WORK AND CRIMINAL JUSTICE

The Division of Social Work and Criminal Justice offers two degree programs. The degrees are a Bachelor of Arts in Criminal Justice and a Bachelor of Arts in Social Work. In addition, minors are offered in Criminal Justice and in Gerontology.

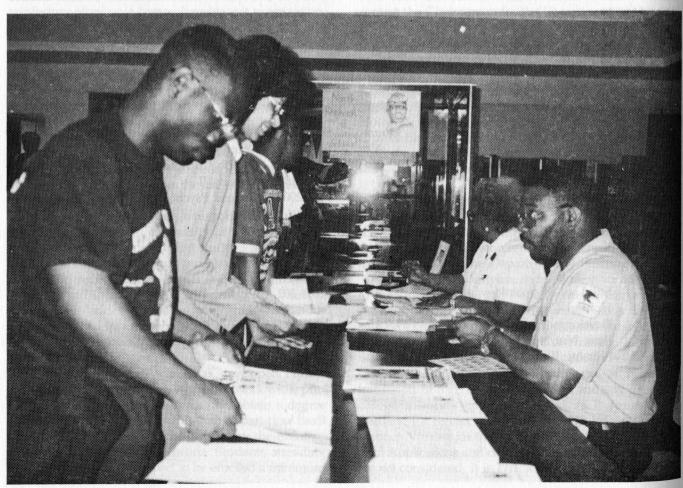
# **CRIMINAL JUSTICE**

The baccalaureate degree program in Criminal Justice is designed to prepare students for careers in law enforcement, correctional services, probation, parole, and other criminal justice-related areas, as well as for admission to law school. It also provides students with the fundamentals for advanced study in graduate school.

To satisfy the requirements for the Bachelor of Arts degree in Criminal Justice, a student must complete a minimum of 128 semester credit hours. The required courses include 48 semester credit hours of Criminal

Justice courses, 12 semester credit hours of Sociology courses, a 3 semester credit hour Social Work course, 9 semester credit hours of support courses, and 6 semester credit hours of free electives. The required courses in Criminal Justice are: CJE 101, 103, 200, 203, 204, 205, 300, 303, 304, 390, 404, 405, 407, and 408. The remaining 6 semester credit hours are Criminal Justice electives of which 3 semester credit hours must be selected at the 300/400-level on the basis of the student's area of interest. Required Sociology and support courses are SOC 203, 305, 343, and 423; COS 101; ENG 216; and PSY 400.

A minor in Criminal Justice requires the completion of 18 semester credit hours. Specific course requirements include CJE 101, 103, 200, 203, and 205; and the remaining 3 semester credit hours may be selected on the basis of the student's area of interest within Criminal Justice.



# Suggested Curriculum BACHELOR OF ARTS IN CRIMINAL JUSTICE Total Hours: 128

		FRESHM	IAN YEAR		
Fall		Hours	Spring		substanting
BIO 101	Life Science	3	ART 130	Intro. to Art OR	Hour
CJE 101	Intro. to Criminal Justice	3	MUS 130	Intro. to Music	not ekrobas
ENG 101	English Composition I	3	CJE 103	Intro. to Criminal Law	3
HIS 103	Western Civilization	3	ENG 102	English Composition II	left bas (3)
MAT 110	Interm. Algebra or above	3	HED 221	Personal Health/Fitness OR	3
	ted on a provisional basis will at	invite	PHE	P. E. Activity Courses	of SundayAppl
	erage by the end of their first se	15	SPE 103	Interpersonal Commun.	2
				*Natural Science	3
				The grant states of the state o	
					17
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
CJE 200	Police Systems	3	CJE 204	Criminal Evidence	3
CJE 203	Criminal Procedure	3	CJE 205	Intro. to Corrections	3
COS 101	Programming in BASIC	3	IGS 201	Convergence of Cultures	3
ENG 211	Intro. to Literature	3	POS 101	American Government	3
IGS 200	Foundations of Cultures	3	PSY 200	General Psychology	3
	Foreign Language	3		Foreign Language	3
		18		OS TISOL	18
		JUNIO	R YEAR		
Fall		Hours			niumairgi\(\frac{1}{2}\)
CJE 303	Constitutional Issues I	3	Spring CJE 304	Constitutional Law II	Hours
CJE 390	Crim. Justice Internship	3	CJE 304	Constitutional Issues II	3
CJE	Elective	3	ENG 216	Elective 300/400-level	3
IGS 300	New Forms of Culture	3	**IGS	Technical Writing	3
SOC 203	Prin. of Sociology	3	103	301, 302, 303, or 304 Elective	3
					3
		15			15
		SENIOR	YEAR		
Fall		Hours	Spring		Hours
CJE 300	Statistics for Crim. Just.	3	CJE 405	Community Corrections	3
CJE 404	Institutional Corrections	3	CJE 408	Crim. Justice Admin. II	3
CJE 407	Crim. Justice Admin. I	3	PSY 400	Abnormal Psychology	3
SOC 305	Contemporary Social Prob.	3	SOC 423	Criminology	3
SOC 343	Juvenile Delinquency	3		Elective	3
		15			45/

\* May be selected from BIO 112, PHY 111, or PHS 201.

\*\* IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# SOCIAL WORK

The Bachelor of Arts degree in Social Work is accredited by the Council on Social Work Education. Principal objectives of the Social Work program are to prepare undergraduate students for entry-level professional social work practice in public and private sectors and to prepare students for continued professional growth including graduate social work education. The curriculum utilizes class and field instruction to develop and strengthen the processes, values, skills, and knowledge essential for alleviating problems that impair the social functioning of individuals, families, groups, and communities.

To satisfy the requirements for the Bachelor of Arts degree in Social Work, a student must complete a minimum of 133 semester credit hours. The required courses include 51 semester credit hours of Social Work courses, 12 semester credit hours of Sociology courses, 9 semester credit hours of support courses, and 6 semester credit hours of free electives. Students must consult with their advisor to plan the most appropriate sequence of study.

The required courses in Social Work are SOW 201, 300, 301, 306, 307, 308, 310, 314, 315, 321, 322, 422, 423, 424, and 425. Sociology requirements include SOC 203, 304, 305, and 403. Support courses required are ECO 211, PHI 210, and POS 160.

#### **Admission Process**

Minimum criteria for enrollment in Social Work courses are consistent with University policies. Students are eligible for formal admission to the Social Work Program if they are currently enrolled and in good standing with the University. When declaring Social Work as a major, the student must make formal application for admission into the program. Students are required to submit a formal application to the program accompanied by two pages of handwritten autobiographical information. The application and guidelines for the autobiographical sketch are available in the Division of Social Work and Criminal Justice.

Applicants for admission are required to meet the following standards:

- Have completed SOW 201 (Career Choices in the Human Service Professions) with a grade of "C" or above;
- Have earned a 2.2 cumulative grade-point average or above (on a 4.0 scale); and
- Demonstrated competency in oral communication during an interview with Social Work faculty members.

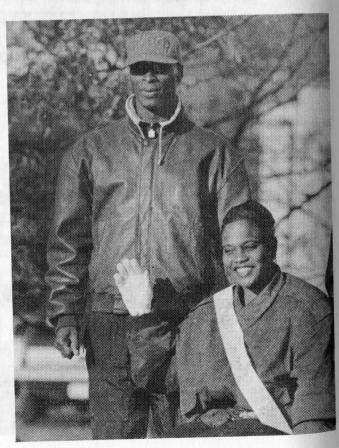
Applications are reviewed by the Social Work Admissions Committee, and decisions are given to students in writing.

Applicants may be admitted provisionally with less than a cumulative grade-point average of 2.2 in cases where the Committee concurs that there is demonstrated potential for academic success. However, minimum requirements for provisional admission include at least a grade of "C" or above in ENG 101 and a cumulative grade-point average of at least 2.0. It is expected that those who are admitted on a provisional basis will attain a 2.2 grade-point average by the end of their first semester in the program.

# Dismissal Procedures

Students may be dismissed from the Social Work program at any time based upon one or both of the following:

- Unsatisfactory academic progress;
- Disciplinary action by the Division against the student because of conduct that would indicate character weaknesses of such nature as to make the student unfit for the social work profession.



# Suggested Curriculum BACHELOR OF ARTS IN SOCIAL WORK Total Hours: 133

million The		FRESHM	AN YEAR		
Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR		*BIO 108	Anatomy and Physiology II	4
MUS 130	Intro. to Music	3	ENG 102	English Composition II	3
*BIO 107	Anatomy and Physiology I	4	HED 221	Personal Health/Fitness OR	
ENG 101	English Composition I	3	PHE	P. E. Activity Courses	2
HIS 103	Western Civilization	3	POS 101	American Government	3
MAT 110	Interm. Algebra or above	3	SPE 103	Interpersonal Commun.	3
		16			15
		SOPHOM	ORE YEAR		
Fall		Hours	Spring		Hours
ENG 211	Intro. to Literature	3	ECO 211	Prin. of Economics I	3
IGS 200	Foundations of Cultures	3	IGS 201	Convergence of Cultures	3
PSY 200	General Psychology	3	PHI 210	Intro. to Logic	3
SOC 203	Prin. of Sociology	3	POS 160	State and Local Gov.	3
SOC 304	Race and Ethnic Relations	3	SOW 201	Career Choices in Human	
	Foreign Language	3		Service Professions	3
		18		Foreign Language	3

# JUNIOR YEAR

Fall		Hours	Spring		Hours
IGS 300	New Forms of Culture	3	**IGS	301, 302, 303, or 304	3
SOW 306	Human Behavior I	3	SOC 305	Contemporary Social Prob.	3
SOW 308	Dynamics of Marriage		SOW 307	Human Behavior II	3
	and Family relations	3	SOW 315	Adv. Skills in Soc. Work	3
SOW 310	Found. of Social Work	3	SOW 322	Social Welfare Policies II	fourer 3 m
SOW 314	Basic Skills/Human Serv.	3		Elective	3
SOW 321	Social Welfare Policies I	3			ky a <del>nd the</del>
		10			18
		18			

#### SENIOR YEAR

Fall SOC 403 SOW 300 SOW 422 SOW 423	Social Psychology Statistics for Social Work Field Instruction I Social Work Seminar I	Hours 3 3 6 3	Research Methods for SOW Field Instruction II Social Work Seminar II Elective	Hours 3 6 3 3
		dd Swel <b>15</b>		15

\* Satisfies the Liberal Studies Requirement for Natural Science.

<sup>\*\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# MINOR IN GERONTOLOGY

The field of Gerontology combines studies in Sociology, Psychology, Social Work, Education, Medicine, Biology, Physiology, Human Sciences, Health and Physical Education, and Public Administration. The minor in Gerontology is approved by the Association of Gerontology in Higher Education.

A minor in Gerontology requires the completion of 21 semester credit hours. Specific course requirements include GNT 101, 102, 201, and 301; and the remaining 9 semester credit hours may be selected from GNT 400, 401, or 402; or SOC 403.

# THE SCHOOL OF BUSINESS

Executives who gain a value perspective on capitalism enhance their chances of achieving harmony between their personal and professional lives. They have a "sense of place" within the broader societal context and understand the underlying purpose of their activities for humankind.

-Joseph Pichler

The Kentucky State University School of Business prepares men and women for business careers that require decision-making in a complex economic setting - one inextricably interwoven into a dynamic and diverse social, political, and cultural environment. Seeing the business firm from this perspective, the School of Business has four overriding goals: 1) to provide for all students, through the University's Liberal Studies Requirements, a firm base of liberal education that will develop within the student a global view of human understanding; 2) to present business instruction so that students may understand the functions of the business firm as a whole and the purposes of specific areas of business; 3) to develop within the student an appreciation of the importance of logical and analytical reasoning, a systematic approach to problem solving, and effective communications as these concepts apply to decision making in the business firm; and 4) to develop a view among students that the baccalaureate degree in business administration is the initial step toward a lifelong commitment to personal growth and intellectual maturity.

The School of Business recognizes that the growing, rapidly changing character of American business demands that individuals involved in the decision-making process of business firms project their thinking to the future. They must be creative and innovative, while understanding the successes and failures of the past. This concept permeates the School's programs. The curriculum's strong liberal arts component provides students with a foundation from which to evaluate a business firm's social and moral responsibilities and their own individual responsibilities as they develop a personal philosophy of business.

Prizes, Awards, and Scholarships: The following awards are made to students in the School of Business: Outstanding Accounting Student, Outstanding Business Administration Student, Outstanding Economics Student, Outstanding Management Student, Outstanding Marketing Student, the Wall Street

Journal Award, Alma E. Smith Scholarship, Christopher Chuku Memorial Scholarship, and Outstanding Scholar-Athlete Award.

# ACCREDITATION

Accreditation is a process established to ensure public protection of, and instill public confidence in, collegiate professional schools and programs. "Specialized" accreditation involves the evaluation of particular units, schools, or programs within an institution with regard to effectiveness in preparing individuals for their chosen profession. The School of Business is fully accredited by the Association of Collegiate Business Schools and Programs (ACBSP). Founded in 1988, the ACBSP is one of the two organizations in the United States which accredits business schools and programs. The ACBSP has as its primary emphasis the encouragement of excellent teaching and the continuous evaluation of teaching effectiveness.

## CENTER OF EXCELLENCE FOR QUALITY

The School of Business includes the Center of Excellence for Quality. Its purpose is to foster an understanding of and a commitment to continuous quality improvement throughout Kentucky and the region. The Center is staffed by an Executive Director and is guided by an advisory board representing corporate and public organizations.

The Center uses input from private and public sector organizations to offer a select set of activities, case studies, seminars, forums, quality assessments, publications, and research.

The outcomes for Kentucky as a result of the Center of Excellence for Quality are an improved environment for economic development; improved knowledge of the quality process; improved tools for achieving quality goals; and recognition of quality achievements of Kentucky organizations.

## **DEGREE PROGRAMS**

The degree programs in the School of Business lead to a Bachelor of Arts degree in Business Administration and provide for a broad education as well as a reasonable amount of specialization. In accordance with the standards of the Association of Collegiate Business Schools and Programs, the School requires that a significant part of a student's academic program be in general education subjects. These courses are then complemented by: 1) courses in basic areas of business administration that collectively constitute a common professional component of business and 2) a specialization of courses in a functional area of business. The Bachelor of Arts degree in Business Administration is offered with specializations in Accounting, Business Administration, Economics, Management, and Marketing.

In addition to these baccalaureate degree programs, the School of Business is responsible for offering real estate courses. Each academic year, a selection of real estate courses is offered including such topics as principles, law, marketing, valuation, and residential construction. By carefully selecting courses, a student may complete the necessary requirements and become a candidate to sit for the real estate licensure examination administered by the Kentucky Real Estate Commission.

# PREREQUISITE REQUIREMENTS

Students interested in Business Administration are first admitted to the University and must meet the general entrance requirements of the University. Students declaring Business Administration majors during initial registration will be assigned an advisor from the School of Business faculty and will be classified as Pre-Business students.

Pre-Business students will be evaluated for admission to the Business Administration program after they have completed the following required courses with a grade of "C" or above: ACC 261 and 262; BUA 200; ECO 211 and 212; ENG 101 and 102; MAT 110; and SPE 103.

Upon successful completion of the above coursework, the Dean and faculty in the School of Business will review the student's academic file/record to determine acceptance into a Business Administration program. If the student is ineligible for acceptance into a Business Administration program, the student will have a conference/counseling session with the Dean to determine how to rectify the deficiencies, if possible.

Students may not receive a degree in the School of Business unless they are fully admitted to a program and remain in good academic standing.

# POLICIES GOVERNING THE DEGREE PROGRAM

Academic Advisement: Each student is assigned an advisor who is available to assist with the scheduling process or with any other concerns the student may have.

Degree Requirements: Students in the School of Business are responsible for planning, in cooperation with their advisor, their own programs and for meeting degree requirements. Requests for deviation from School of Business or University requirements may be granted only upon written approval from the Dean of the School of Business or the Vice President for Academic Affairs or their respective representatives. In addition to satisfying course requirements, students in the School of Business must complete a senior comprehensive examination.

Transfer Credit Policy: Students who transfer credits from other colleges and universities to substitute for business courses must have these transfer credits approved by the Dean of the School of Business. Kentucky State University's transfer of credits policy and procedures are explained in the Transfer of Credits section of this Catalogue.

Semester Credit Hour Requirements: To satisfy the requirements for the Bachelor of Arts degree in Business Administration, a student must complete a minimum of 128 semester credit hours.

**Prerequisites:** The School of Business follows the procedures as outlined in Sections III.B., III.C., and III.J. of the Academic Regulations and Policies portion of this Catalogue. A grade of "C" or above must be earned for a course to be accepted as a prerequisite. Instructors may waive listed prerequisites under exceptional circumstances.

Removal from Major, Minor, or Area of Specialization: The School of Business follows the procedures as outlined in Section XII.E. of the Academic Regulations and Policies portion of this Catalogue. The School of Business defines "attempts" as completing a course with a grade other than an "I", "W", "WP", "WF", or "AU".

# THE CURRICULA FOR MAJORS

The curricula of the School of Business consist essentially of four parts: 1) the Liberal Studies Requirements; 2) the basic business common professional component courses in Business Administration; 3) professional courses for specialization in Accounting, Business Administration, Economics, Management, or Marketing; and 4) a support course in Mathematics.

The Liberal Studies Requirements are described elsewhere in this Catalogue. The Social Science requirement of the Liberal Studies Requirements is normally met by choosing either ECO 200 or POS 101. Business students, however, must take ECO 211 in place of ECO 200 or POS 101.

# BASIC BUSINESS COMMON PROFESSIONAL COMPONENT CURRICULUM

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BUA 200	Computer Applications in Business	3
BUA 204	<b>Business Communications OR</b>	
ENG 216	Technical Writing	3
BUA 321	Legal Environment	3
BUA 330	Corporation Finance	3
ECO 212	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 312	Business Statistics II	3
ECO 321	Quantitative Methods of	
	Decision Making	3
ECO 329	International Economics	3
ECO 411	Money and Banking	3
*MAT 125	Linear Algebra and Differential	
	Calculus with Business	40
	Applications	3
MGT 300	Management Information Systems	3
MGT 323	Principles of Management	3
MGT 490	Strategic Management	3
MKT 351	Principles of Marketing	3
	Total Hours:	51
* Support Co	urse	

## \* Support Course

# PROFESSIONAL COURSES FOR SPECIALIZATION

**Accounting:** The curriculum provides students with a general exposure to the primary areas of Accounting. Students completing the curriculum are eligible to begin careers in professional accounting.

Number	Course Title	Hour
ACC 361	Intermediate Accounting I	3
ACC 362	Intermediate Accounting II	3
ACC 462	Federal Income Taxation	3
ACC 481	Cost Accounting I	3
ACC 485	Advanced Accounting	3
ACC 490	Auditing	3
	Total Hours:	18

**Business Administration:** This curriculum is for students who desire a broad business background without extensive specialization in any single field.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
ECO 424	Labor Economics	3
MGT 433	Personnel Administration	3
MGT 455	Production Management	3
	*Professional Electives	6
	Total Hours:	18

\*May be selected from PSY 402 and from courses with prefixes of ACC, BUA, ECO, MGT, or MKT.

Economics: This curriculum offers courses for those who desire to serve as economic analysts and specialists in business, education, government, and various international agencies. Students intending to pursue graduate programs in law, business, public administration, or economics will find that the Economics curriculum serves as an excellent foundation.

Number	Course Title	Hours
ECO 322	Microeconomics	3
ECO 323	Macroeconomics	3
ECO 420	History of Economic Thought	3
ECO 424	Labor Economics	3
ECO 425	Comparative Economic Systems	3
	*Professional Elective	3
	Total Hours:	18

\*May be selected from those courses with prefixes of ACC, BUA, ECO, MGT, or MKT.

Management: This curriculum accommodates students whose interests include the preparation for entry into corporate management training positions, the application of behavioral science to management, the personnel function in both line and staff capacities, and managing a small business.

Course Title	Hours
Managerial Accounting	3
Labor Economics	3
Personnel Administration	3
Transportation and Business	
Logistics	3
Production Management	3
Human Behavior in Organizations	3
Total Hours:	18
	Managerial Accounting Labor Economics Personnel Administration Transportation and Business Logistics Production Management Human Behavior in Organizations

Marketing: This curriculum provides a specialization of study for students planning careers in marketing research, advertising, retailing, or sales management.

Number	Course Title	Hours
ACC 400	Managerial Accounting	3
MGT 452	Transportation and Business	
MG1 432	Logistics	3
MKT 410	Marketing Communications	3
MKT 420	Marketing Management	3
MKT 430	Marketing Research	3
MKT 440	Consumer Behavior	3
WIK1 440		18
	Total Hours:	10

	Suggested Curriculum
The Liberal Studies ideductivity by Cale Caleschi	BACHELOR OF ARTS IN BUSINESS ADMINISTRATION
plogrammers with an explorer on an aranyasis	with a Specialization in Business Administration
on disension als laterativosis publicativas de la latera de latera de la latera de latera de la latera de latera de la latera de latera de latera de latera de la	Total Hours: 128
made lighted and the to which which the light with the light of the li	

		FRESHM	AN YEAR		
Fall		Hours	Spring		Hours
ART 130	Intro. to Art OR	20 1 10 14	BUA 200	Computer Appl. Bus.	3
MUS 130	Intro. to Music	3	ENG 102	English Composition II	3
BIO 101	Life Science	3	HED 221	Personal Health/Fitness OR	A prelia
ENG 101	English Composition I	3	PHE	P. E. Activity Courses	2
HIS 103	Western Civilization	3	MAT 125	Algebra/CalcBus.Applic:	3
MAT 110	Interm. Algebra or above	1XE (3)	PSY 200	General Psychology	3
ξ ann	Management Anto Systems I.	OO <del>C TOU</del> M	SPE 103	Interpersonal Commun.	3
		15	i meta	Francial Managament of anti-	ES <del>S TOL</del>
					17
		SOPHOMO	ORE YEAR		
Fall		Hours	Spring		Hours
ACC 261	Prin. of Accounting I	3	ACC 262	Prin. of Accounting II	3
BUA 204	Business Commun. OR		ECO 212	Prin. of Economics II	3
ENG 216	Technical Writing	3	IGS 201	Convergence of Cultures	3
*ECO 211	Prin. of Economics I	3		Foreign Language	3
ENG 211	Intro. to Literature	3		**Natural Science	3
IGS 200	Foundations of Cultures	3			020 100
	Foreign Language	3			15
		18			
		1			
		JUNIOI	R YEAR		
Fall		Hours	Spring		Hours
BUA 321	Legal Environment	3	ECO 312	Business Statistics II	3
BUA 330	Corporation Finance	3	ECO 321	Quantitative Methods	3
ECO 311	Business Statistics I	3	ECO 329	International Economics	3
IGS 300	New Forms of Culture	3	MGT 300	Management Info. Systems	3
MGT 323	Prin. of Management	3	***IGS	301, 302, 303, or 304	3
MKT 351	Prin. of Marketing	3			15
		18			13
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
ACC 400	Managerial Accounting	3	MGT 433	Personnel Administration	3
ECO 411	Money and Banking	3	MGT 455	Production Management	3
ECO 424	Labor Economics	3	MGT 490	Strategic Management	3
	#Professional Elective	3		#Professional Elective	3
	Elective	3		Elective	3/
		15			
* Satisfies	the Liberal Studies Requirement for Soci				15

\*\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

\*\*\* IGŚ 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# May be selected from PSY 402 or from courses with prefixes of ACC, BUA, ECO, MGT, or MKT.

<sup>\*</sup> Satisfies the Liberal Studies Requirement for Social Sciences.

ACC 485

BUA 330

Advanced Accounting

Corporation Finance

ECO 411 Money and Banking

# Suggested Curriculum BACHELOR OF ARTS IN BUSINESS ADMINISTRATION with a Specialization in Accounting Total Hours: 128

Students selecting a specialization in Accounting will follow the freshman and sophomore year curriculum in Business Administration.

		JUNIOI	R YEAR		
Fall ACC 361 BUA 321 ECO 311 IGS 300 MGT 323 MKT 351	Interm. Accounting I Legal Environment Business Statistics I New Forms of Culture Prin. of Management Prin. of Marketing	Hours 3 3 3 3 3 3 3 18	Spring ACC 362 ECO 312 ECO 321 MGT 300 *IGS	Interm. Accounting II Business Statistics II Quantitative Methods Management Info. Systems 301, 302, 303, or 304	Hours 3 3 3 3 3 15
		SENIO	R YEAR		
Fall ACC 462 ACC 481	Federal Income Taxation Cost Accounting I	Hours 3 3 3	Spring ACC 490 ECO 329 MGT 490	Auditing International Economics Strategic Management	3 3 3

\*\*Electives

304 (The African-American Experience)

\*\*\* Accounting majors are strongly encouraged to take the electives in accounting courses in order to sit for the CPA examination. ACC 400 is not open to accounting majors.

# Suggested Curriculum BACHELOR OF ARTS IN BUSINESS ADMINISTRATION with a Specialization in Economics Total Hours: 128

Students selecting a specialization in Economics will follow the freshman and sophomore year curriculum in Business Administration.

**JUNIOR YEAR** 

Fall		Hours	Spring		Hours
BUA 321	Legal Environment	3	ECO 312	Business Statistics II	3
ECO 311	Business Statistics I	3	ECO 321	Quantitative Methods	3
ECO 322	Microeconomics	3	ECO 323	Macroeconomics	3
IGS 300	New Forms of Culture	3	MGT 300	Management Info. Systems	3
MGT 323	Prin. of Management	3	*IGS	301, 302, 303, or 304	3
MKT 351	Prin. of Marketing	3		Prince of Marketing	7.3 <del>3 - 2 - 2 - 2</del>
		18			15
		SENIO	R YEAR		
Fall		Hours	Spring		Hours
BUA 330	Corporation Finance	3	ECO 329	International Economics	3
ECO 411	Money and Banking	3	ECO 425	Comparative Econ. Systems	3
ECO 420	Hist. Economic Thought	3	MGT 490	Strategic Management	3
ECO 424	Labor Economics	3		Electives	6
	**Professional Elective	3		apital?	
					15

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

\*\* May be selected from courses with prefixes of ACC, BUA, ECO, MGT, or MKT.

6

15

<sup>\*</sup> IGS 301 (Studies in African Cultures), IG5 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African Cultures)

# Suggested Curriculum BACHELOR OF ARTS IN BUSINESS ADMINISTRATION with a Specialization in Management Total Hours: 128

Students selecting a specialization in Management will follow the freshman and sophomore year curriculum in Business Administration.

# JUNIOR YEAR

Fall BUA 321 BUA 330 ECO 311 IGS 300 MGT 323 MKT 351	Legal Environment Corporation Finance Business Statistics I New Forms of Culture Prin. of Management Prin. of Marketing	3 3 3 3 3 3 18	Spring ECO 312 ECO 321 ECO 329 MGT 300 *IGS	Business Statistics II Quantitative Methods International Economics Management Info. Systems 301, 302, 303, or 304	Hours 3 3 3 3 3 15
		SENIO	R YEAR		
Fall ACC 400 ECO 411 ECO 424 MGT 452	Managerial Accounting Money and Banking Labor Economics Trans. & Bus. Logistics Elective	Hours 3 3 3 3 3 3 15	Spring MGT 433 MGT 455 MGT 460 MGT 490	Personnel Administration Production Management Human Behavior Organizations Strategic Management Elective	Hours 3 3 3 3 3 15

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

# Suggested Curriculum BACHELOR OF ARTS IN BUSINESS ADMINISTRATION with a Specialization in Marketing Total Hours: 128

Students selecting a specialization in Marketing will follow the freshman and sophomore year curriculum in Business Administration.

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Fall		Hours	Spring		Hours
BUA 321	Legal Environment	3	ECO 312	Business Statistics II	3
BUA 330	Corporation Finance	3	ECO 321	Quantitative Methods	3
ECO 311	Business Statistics I	3	ECO 329	International Economics	3
IGS 300	New Forms of Culture	3	MGT 300	Management Info. Systems	3
MGT 323	Prin. of Management	3	*IGS	301, 302, 303, or 304	3
MKT 351	Prin. of Marketing	3			15
		18			

## SENIOR YEAR

Fall		Hours	Spring		Hours
ACC 400	Managerial Accounting	3	MGT 452	Trans. and Bus. Logistics	3
ECO 411	Money and Banking	3	MGT 490	Strategic Management	3
MKT 410	Marketing Communications	3	MKT 420	Marketing Management	3
MKT 430	Marketing Research	3		Electives	6
MKT 440	Consumer Behavior	3			15
		15			

<sup>\*</sup> IGS 301 (Studies in African Cultures), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

## PROGRAMS LEADING TO MINORS

The School of Business, in addition to its degree programs, offers programs that lead to minors in Accounting, Economics, Finance, Management, and Marketing. Any University baccalaureate degree-seeking student may pursue minors in the School of Business.

**Minor in Accounting:** Students electing a minor in Accounting should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ACC 361	Intermediate Accounting I	3
ACC 362	Intermediate Accounting II	3
ACC	*Elective	3
ECO 212	Principles of Economics II	3
	Total Hours:	18

\*May be selected from courses with ACC prefix, excluding ACC 400.

**Minor in Economics:** Students electing a minor in Economics should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ECO 212	Principles of Economics II	3
ECO 311	Business Statistics I	3
ECO 322	Microeconomics	3
ECO 323	Macroeconomics	3
ECO 411	Money and Banking	3
ECO 424	Labor Economics	3
	Total Hours:	18

Minor in Finance: Students electing a minor in Finance should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
BUA 330	Corporation Finance	3
BUA 421	Cases in Financial Management	3
BUA 430	Investments	3
BUA 440	Personal Financial Planning	3
ECO 212	Principles of Economics II	3
	Total Hours:	21

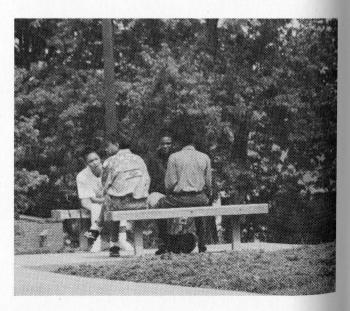
**Minor in Management:** Students electing a minor in Management should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ECO 212	Principles of Economics II	3
MGT 323	Principles of Management	3
MGT 433	Personnel Administration	3
MGT 460	Human Behavior in Organizations	3
MGT	*Elective OR	
PSY 402	Industrial Psychology	3
	Total Hours:	21

\*May be selected from any course with an MGT prefix.

**Minor in Marketing:** Students electing a minor in Marketing should complete the following course sequence. As a prerequisite, students should have completed MAT 110 or its equivalent and ECO 200 or ECO 211.

Number	Course Title	Hours
ACC 261	Principles of Accounting I	3
ACC 262	Principles of Accounting II	3
ECO 212	Principles of Economics II	3
MGT 323	Principles of Management	3
MKT 351	Principles of Marketing	3
MKT 410	Marketing Communications	3
MKT 420	Marketing Management	3
	Total Hours:	21



# THE SCHOOL OF PUBLIC AFFAIRS

"The primary duty of organized society is to enlarge the lives and increase the standards of living of all the people."

-Herbert Hoover

The School of Public Affairs was established in 1973. The School of Public Affairs offers a Bachelor of Arts degree in Public Administration and a Master of Public Administration degree. As an interdisciplinary school, its faculty members represent different disciplinary backgrounds. These include political science, economics, sociology, social work, psychology, computer science, law, and public administration.

The School of Public Affairs has been a member of the National Association of Schools of Public Affairs and Administration (NASPAA) since 1973. The M.P.A. program has been modeled after NASPAA's standards for such programs.

The study of Public Administration primarily prepares students for career employment in the public sector—including local, state, and federal government agencies—as supervisors, managers, and decision-makers. In addition, the graduates of the Public Administration program may be eligible for employment in similar capacities in the non-profit and private sectors.

The University's programs in Public Administration are designed to endow students with practical abilities in problem solving, program analysis, and implementation. The structure of the academic programs is based on the premise that the Public Administration student should possess skills adaptable to varied tasks and employment settings.

# BACHELOR OF ARTS DEGREE IN PUBLIC ADMINISTRATION

The liberal studies education at Kentucky State University is characterized by intellectual breadth and depth. Students working toward a Bachelor of Arts degree in Public Administration pursue a curriculum that includes exposure to the substantive approach and insight of different disciplines. The curriculum includes intensive training in analytical techniques and offers in-depth education in social sciences related to the management of public services.

To satisfy the requirements for the Bachelor of Arts degree in Public Administration, a student must complete a minimum of 128 semester credit hours, including the University's Liberal Studies Requirements (53-54 semester credit hours), with 39 semester credit hours in Public Ad-

ministration. The required courses are PUA 170, 181, 202, 203, 301, 303, 304, 322, 400, 401, 402, 491, and 499; one Political Science course (POS 101); and two Economics courses (ECO 211 and 212). The remaining 30 semester credit hours may be taken in a minor and/or free electives.

# MINOR IN PUBLIC ADMINISTRATION

The School of Public Affairs also offers a minor in Public Administration. This program is available to any student pursuing a baccalaureate degree at Kentucky State University. A minor in Public Administration requires the completion of 18 semester credit hours. Specific course requirements include PUA 170, 181, 303, and 402; and the remaining 6 semester credit hours must be selected in consultation with the student's minor advisor from 300/400-level Public Administration courses.

# REGIONAL ENTREPRENEURIAL DEVELOPMENT INSTITUTE

Since 1983, Kentucky State University's Entrepreneurial Development Institute (EDI) has worked with the U.S. Department of Transportation Federal Highway Administration to develop the managerial and technical skills of disadvantaged business enterprises necessary for successful competition on the highway construction industry. For the past 10 years, EDI has worked with Kentucky firms to provide training and development programs. Recently, Kentucky State University's EDI program has been designated by the Federal Highway Administration to develop a region-wide pilot program for Region 4 which includes the states of Kentucky, Georgia, North Carolina, South Carolina, Tennessee, Alabama Florida, and Mississippi. Kentucky State University's Regional EDI will work with historically black colleges and universities in each state to expand or establish EDI programs throughout the south. As part of this effort, Kentucky State University will produce a regional program administration and evaluation process and will work to improve the immediate and long-term business capabilities of disadvantaged businesses in all Region 4 states. The Regional EDI program is another example of the many ways Kentucky State University fulfills its public service role in Kentucky and the southern states.

# Suggested Curriculum BACHELOR OF ARTS IN PUBLIC ADMINISTRATION Total Hours: 128

		FRESHMA	N YEAR		
thund the		Hours	Spring		Hours
Fall	now in the School of Business.	3	ART 130	Intro. to Art OR	
BIO 101	Life Science	3	MUS 130	Intro. to Music	3
ENG 101	English Composition I	3	ENG 102	English Composition II	3
HIS 103	Western Civilization	3	SPE 103	Interpersonal Commun.	lolo 3
MAT 110	Interm. Algebra or above	3	51 1 100	Foreign Language	3
	Foreign Language			*Natural Science	3
		15		with the sequeseer of the anil d	15
		SOPHOMO	ORE YEAR		
		Hours	Spring		Hours
Fall	Intrinstration: This properate de general	3	ECO 211	Prin. of Economics I	3
ENG 211	Intro. to Literature	student	IGS 201	Convergence of Cultures	3
HED 221	Personal Health/Fitness OR	nu state	PSY 200	General Psychology OR	
PHE	P. E. Activity Courses	2	SOC 203	Prin. of Sociology	3
IGS 200	Foundations of Cultures	3		Contemp. Pub. Pol. Issues	3
POS 101	American Government	3	PUA 181	Intro/Stat. for Pub. Admin.	3
PUA 170	Public Sector Management	3	PUA 203	Public Budget. Processes	3
PUA 202	Computer Applications in		PUA 301	Public Budget. 1 locesses	A SULLING
quences)	the Public Sector	3			18
		17			
		JUNIO	R YEAR		non on the
Fall		Hours	Spring		Hours 3
ECO 212	Prin. of Economics II	3	**IGS	301, 302, 303, or 304	3
IGS 300	New Forms of Culture	3	PUA 304	Comparative Admin.	2
PUA 303	Research Meth. Pub. Admin.	3		and Policies	3
PUA 303	Minor Courses	6	PUA 322	Mgt. Information Systems	3
	Willion Courses	IOD IUTEREU		Elective 300/400-level	3
		15		Minor Courses	6
					18
		SENIO	R YEAR		
		Hours	Spring		Hours
Fall	The artist of the second second second second second	Hours	PUA 499	Senior Seminar	3
PUA 400	Policy Analysis and	1 0	FUA 455	Electives	6
	Program Evaluation	3		Minor Courses 300/400-level	6
PUA 401	Organ. Behavior and the	war fallowing		Willion Courses 5007100 12401	15
	Bureaucratic Structure	3			15
PUA 402	Human Resources Management	nouzhonn			
	in the Public Sector	3			
PUA 491	Internship Elective OR	3			
THE REAL PROPERTY.	V: Carros 200/400 lovel	3			

\* May be selected from BIO 112, CHE 109, PHY 111, or PHS 201.

Minor Course 300/400-level

# THE MASTER OF PUBLIC ADMINISTRATION PROGRAM

The National Association of the School of Public Affairs and Administration (NASPAA) is an organization which sets national standards for the Master of Public Administration (MPA) degree program and the other master's level degree programs in Public Administration. The following excerpts from the current NASPAA standards clearly state the purpose of a Master of Public Administration degree program.

The purpose of the professional master's degree program in public affairs and administration is to prepare individuals for positions of leadership in public service. A career of leadership may involve management and/or policy at the several levels of government, in non-profit agencies and in private sector areas where knowledge of government is important. NASPAA, 1992

The Master of Public Administration program curriculum at Kentucky State University shares the educational philosophy of NASPAA.

The objectives of the Master of Public Administration program include providing knowledge, skills, and experience that can be directly utilized by public and private sector professionals in their changing work environment. The program equips students with the technical skills and liberal arts values necessary for responsible administrative roles in state, local, federal, quasi-governmental, nonprofit, and private sector systems. The program provides the interdisciplinary foundations of public administration, quantitative skills, sensitivity toward humanistic dimensions of public organizations, fiscal management, and computer utilization.

# REQUIREMENTS FOR THE MASTER OF PUBLIC ADMINISTRATION DEGREE

The Master of Public Administration program is problem-oriented and designed to serve both in-service students (those with work experience) and pre-service students (those without work experience). The academic component is supported by a variety of applied research activities. Each of the research activities is designed to provide the student with research skills as well as a body of knowledge and information needed by practicing public administrators.

# CORE REQUIREMENTS FOR THE MASTER OF PUBLIC ADMINISTRATION DEGREE

A background course (PUA 600) is required of international students and others with limited academic backgrounds in American public administration.

Seminar on American Political Institu-PUA 600 tions and Public Policies 3 semester credit hours

## Core Courses (24 semester credit hours):

PUA 500	Perspectives on Public Administration
	3 semester credit hours
PUA 501	Quantitative Methods
	3 semester credit hours
PUA 503	Research Methods and Policy Analysis
	3 semester credit hours
PUA 504	Organization Theory
	3 semester credit hours
PUA 505	Intro. to Management Information
	Systems (MIS)
	3 semester credit hours
PUA 506	Public Personnel Management
	3 semester credit hours
PUA 605	Public Sector Economics
	3 semester credit hours
PUA 607	Budgeting in Government Agencies
	3 semester credit hours

#### Specialty Area Courses:

In addition, the student must select and complete three specialty area courses at the 600-level in Public Administration (9 semester credit hours) in consultation with the student's advisor.

## Internship (required for pre-service students):

PUA 699 Internship in Public Administration 3 semester credit hours

The majority of Public Administration courses are offered in the evening to accommodate students with fulltime jobs. By taking two courses each semester, such students can complete all degree requirements in three years. Many students work for government agencies and receive employer-sponsored tuition assistance. Full-

<sup>\*\*</sup> IGS 301 (Studies in African Culture), IGS 302 (Studies in Oriental Cultures), IGS 303 (Studies in Latin American Cultures), or IGS 304 (The African-American Experience)

time students typically earn the Master of Public Administration degree in two and one-half years of study. Some full-time students receive graduate assistantships in exchange for part-time work. Up to 12 semester credit hours of appropriate graduate-level coursework may be transferred into the Master of Public Administration program from elsewhere.

Master of Public Administration degree requirements may be completed with 39-45 semester credit hours of graduate-level coursework. Experienced public administrators may complete all degree requirements within 39 semester credit hours. Pre-service students may need up to 45 semester credit hours to complete all degree requirements. An internship is a requirement for all preservice Master of Public Administration students.

A professional core of knowledge is expected of each Master of Public Administration candidate. It includes perspectives on public administration, quantitative methods, research methods and policy analysis, public sector economics, organization theory, management information systems, public personnel management, public sector economics, and budgeting in government agencies. Upon completion of these core courses, the student must choose a specialty area for advanced coursework.

The Master of Public Administration program offers four specialty areas in response to the various needs for public sector expertise. These specialty areas include State Administration, Management Information Systems, Personnel Management, and International Administration and Development.

Students may select their final 6 semester credit hours from three different graduation options. This selection is completed with approval of the student's advisor. The options are either a professional project (6 semester credit hours); a thesis (6 semester credit hours); or additional advanced coursework (6 semester credit hours). All students must take a comprehensive examination over the core and specialty areas. An oral defense of the professional project or thesis is required of those students who elect to undertake either of these two graduation options.

Grades below "C" may not be presented for Master of Public Administration graduation credit, nor shall graduation be approved for students with grade-point averages below 3.0. Students may not graduate with more than 6 semester credit hours of courses with a grade of "C". This regulation does not apply when a grade of "C" has been superseded by successful completion (grade of "B" or above) of a particular course at a later date in time.

# Professional Project Option

A professional project is the direct involvement of a student in the "real world" of a government agency, volunteer agency, public interest group, or similar organization. The main principle of the professional project is applied research under the close direction of a faculty committee. Approval of the Dean of the School of Public Affairs is required prior to registration for the professional project option.

## **Thesis Option**

A thesis is a formal paper reflecting systematic research on a significant problem. It should represent a student's independent research, carried out under the supervision of the Public Administration faculty. A thesis may use primary data collected by the student and/or secondary data collected by governmental and non-governmental organizations. It must, however, provide evidence of originality, appropriate organization, clarity of purpose, critical analysis, and accuracy. Mere descriptions, cataloging, compilation, and bibliographic reviews are not adequate. Approval of the Dean of the School of Public Affairs is required prior to registration for the thesis option.

# Coursework Option

Students who select the coursework option must complete their final 6 semester credit hours from any 600-level courses. Approval of the student's advisor is required prior to registration for the coursework option.

## Comprehensive Examinations

All Master of Public Administration degree candidates are required to pass a written and oral comprehensive examination in their final semester at Kentucky State University. The comprehensive examination is normally offered during the fall and spring semesters. Limited availability of faculty resources makes it difficult to schedule a comprehensive examination in the summer session. It is the individual student's responsibility to complete an application for a comprehensive examination. The application must be approved by the student's advisor and submitted to the Dean of the School of Public Affairs for placement on the comprehensive examination list. The student's request to participate in the fall semester examination must be presented no later than September 15th. Requests to participate in the spring semester examination must be presented no later than February 15th.

# SPECIALTY AREAS IN THE MASTER OF PUBLIC ADMINISTRATION **DEGREE PROGRAM**

The specialty areas in the Master of Public Administration program offered by Kentucky State University reflect the human-resource needs in the public sector and the student's career objectives. The Master of Public Administration program currently offers four specialty areas. A brief description of each of these areas of specialization is provided below. Within each specialty area, one advanced course is required. Students may, in consultation with their advisors, select two other specialty area courses to meet their educational needs.

# State Administration Specialty

This specialty area addresses policy analysis, evaluation, and administrative issues at the state government level. The following courses are offered:

# Required Course:

PUA 601: Seminar on State Administration

# Optional Courses (select two of the following):

PUA 600: Seminar on American Administrative

Institutions and Public Policies

PUA 603: Seminar on Urban Administration PUA 604: Seminar on Rural Administration

PUA 606: Grantsmanship and Proposal Writing

PUA 685: Ethics for Public Sector Management

PUA 687: Advanced Topics in Public Administration

## Personnel Management Specialty

This specialty area is designed for students who are interested in both public and private sector personnel management positions. The following courses are offered:

#### Required Course:

PUA 691: Seminar on Personnel Management

# Optional Courses (select two of the following):

PUA 612: Personnel Law and Administration

PUA 614: Applied Human Relations

PUA 615: Personnel Assessment

PUA 683: Organizational Development

# **Management Information Systems** (MIS) Specialty

This specialty area is designed for students interested in jobs in the Management Information Systems (MIS) field. It emphasizes systems analysis and design, utilizing current applications software. The following courses are offered:

### Required Course:

PUA 641: Seminar on Management Information Systems (MIS)

# Optional Courses (select two of the following):

PUA 642: Decision Support Systems

Statistical Packages for Data Analysis

PUA 681: Applied Advanced Statistical Methods

# International Administration and **Development Specialty**

This specialty area generally attracts public service professionals from the developing nations, sponsored by their government and USAID. American students interested in international administrative careers may also choose this specialty. The following courses are offered:

## Required Course:

PUA 631: Seminar on Comparative and International Administration

## Optional Courses (select two of the following):

PUA 632: Comparative Economic Systems

Seminar on Development Administration PUA 633:

PUA 692: Seminar on International Personnel Systems

# ADMISSION TO THE MASTER OF **PUBLIC ADMINISTRATION PROGRAM**

All inquiries related to admission to the Master of Public Administration program should be submitted to the Dean, School of Public Affairs, Kentucky State University, Frankfort, Kentucky 40601. Regular Application Procedures

- I. All new applicants (including transfer applicants) seeking graduate-level admission to the School of Public Affairs must supply the following minimum credentials:
  - A. An Application for Admission (\$15.00 fee is assessed). Applications must be received by July 15 for the fall semester; by December 15 for the spring semester; and by May 1 for the summer session.
  - B. Official test results from Part I, Aptitude, of the Graduate Record Examination (GRE), or the Graduate Management Admissions Test (GMAT). Tests must have been taken within the past five years.
- II. Students who were previously enrolled in the Master of Public Administration program at Kentucky State University and wish to resume enrollment after not attending for two or more years and students returning from suspension must provide the following:

A. An application for re-admission.

B. Official transcripts for all coursework attempted at other colleges or universities during the period of absence from Kentucky State University.

# Special Application Procedures for International Students

In addition to the credentials required in Section I, "Regular Application Procedures," an international applicant must meet the following additional requirements:

- A. Have a minimum grade-point average (GPA) of 3.0 or its equivalent in undergraduate coursework as evidenced by official transcripts. All transcripts must be submitted in English and the translation of such certified.
- B. Have official TOEFL score (KSU code number 1368) provided directly from the testing agency or provide other evidence of proficiency in the English language. TOEFL scores must be 525 or above. However, students completing their undergraduate studies in the United States are exempt from submitting TOEFL scores and may be admitted to the Master of Public Administration program with a cumulative grade-point average of 2.7. Furthermore, students exempted from submitting TOEFL scores will be required to complete the GRE or GMAT and are subject to meeting the requirements for Unconditional (Full) Admission.
- C. Demonstrate, via Declaration of Certification of Finance, that sufficient funds are available to finance the planned course of study without causing undue hardship on the student.

A successful applicant will be sent an official Letter of Acceptance and information pertaining to registration and enrollment. Upon receipt of the official Letter of Acceptance, a confirmation deposit of \$3,500 U.S. dollars must be sent before the University will forward an Immigration Form (I-20) Certificate of Eligibility. This deposit will remain on account until the student graduates or withdraws from the University. However, a student may apply a maximum of 65% of the \$3,500.00 deposit toward tution and fees during the first semester of matriculation.

# **Admission Classifications**

- I. Unconditional (Full) Admission. Unconditional (Full) Admission to the Master of Public Administration program requires the following:
  - A. An earned bachelor's degree from an accredited college or university with a minimum grade-point average of 2.7 (3.0 grade-point average for international students).
  - B. Graduate Record Examination (GRE) must be

- taken with a minimum score of 1,000 (verbal and quantitative sections). The Graduate Management Test (GMAT), with a minimum score of 500 or above, may be substituted for the GRE score. Test must have been taken within the past five years.
- C. Submit three letters of recomendation for admission to the program.
- D. A typewritten statement of goals and career objectives (minimum 300 words).
- II. Conditional Admission. Students who do not meet the admission criteria for unconditional (full) admission above may be conditionally admitted to the Master of Public Administration program. Students conditionally admitted to the Master of Public Administration program may apply for unconditional (full) admission upon the completion of 12 semester credit hours of graduate-level coursework with a grade-point average of 3.0 or above and no letter grades below "B". Conditional Admission to the Master of Public Administration program requires the following:
  - A. Demonstrate completion of a baccalaureate degree and submit three letters of recomendation for admission to the program.
  - B. Demonstrate either public sector work experience or a specific/credible public career goal through the biographical essay.
  - C. Demonstrate "good potential for success in professional graduate study" by meeting one of the following: 1) present an undergraduate transcript showing a cumulative grade-point average of 2.3 or above; 2) present a transcript showing academic rank in the upper-half of the student's undergraduate class, 3) present GRE or GMAT summary scores indicating performance at or above the 25th percentile of those who have taken the test, or 4) present a transcript showing successful completion of 12 semester credit hours of graduate-level coursework with a cumulative grade-point average of 3.0 or above at an institution other than Kentucky State University.
- III. Non-Degree Admission. A student may be admitted in a non-degree status if he/she has an earned baccalaureate degree and does not intend to complete the Master of Public Administration program. Non-degree students must meet the standards for unconditional (full) admission or conditional admission in order to take graduate-level coursework for credit. Non-degree students not meeting the standards for unconditional (full)

admission or conditional admission may only AUDIT courses on a non-graded basis. Graduate-level coursework taken for AUDIT may not be used towards graduation requirements at a later date. A non-degree student may change to a degree-seeking status by submitting a written request to the Dean of the School of Public Affairs and by meeting the criteria for unconditional (full) admission to the Master of Public Administration program. A maximum of 12 semester credit hours of graduate-level coursework taken at Kentucky State University, with a minimum grade-point average of 3.0, can be transferred into the program.

#### PROBATION AND DISMISSAL

A student is placed on probation when his/her grade-point average falls below 3.0. A student placed on probation may subsequently enroll in up to 9 semester credit hours of graduate-level coursework. In taking the subsequent 9 semester credit hours of courses, the student must bring his/her overall grade-point average up to at least 3.0 cumulative grade-point average to continue in the program and to remain in good academic standing.

A dismissed student may, after one year, appeal in writing to the Dean of the School of Public Affairs for re-admission. If re-admission is granted, the student will be placed on probation for up to 9 semester credit hours of courses. A student who does not bring his/her overall grade-point average up to at least 3.0 in taking the subsequent 9 semester credit hours of courses will be permanently dismissed from the University without appeal.

# TIME LIMIT FOR COMPLETION OF DEGREE

All program requirements must be completed within six years of initial admission, unless otherwise approved by the Dean of the School of Public Affairs. Students should consult the revised Master of Public Administration Student Handbook, available from the Dean of the School of Public Affairs, for further information about graduate study.

## **GRADUATE STUDENT ASSISTANTSHIPS**

A limited number of graduate assistantships are available for full-time students pursuing the Master of Public Administration degree. Students holding these positions work 20 hours per week and receive stipends and waivers of out-of-state tuition. Graduate assistants provide assistance to the Dean and faculty members in their instructional and research activities. Students interested in such positions may make application to the

Dean of the School of Public Affairs. Assistantships are awarded on the basis of need and high academic achievement.

# MASTER OF PUBLIC ADMINISTRATION PROGRAM COURSE LOAD

Full-time students carry a normal load of 9 semester credit hours of graduate-level coursework per semester. (Part-time students who are employed full-time are advised to carry no more than 6 semester credit hours of graduate-level coursework in any semester.)

#### **ACTIVITIES**

As public service professionals, Master of Public Administration students are encouraged to join the American Society of Public Administration (ASPA) and other relevant professional organizations such as the American Society for Public Administration, the Kentucky Political Science Association, the United Nations Association (Frankfort Chapter), and the International Personnel Management Association. The national/regional/state conferences of ASPA and other organizations provide opportunities for students and faculty to present research papers. Membership in professional organizations provides forums for students to engage in and present research, associate with colleagues, and grow and develop professionally.

## CENTER FOR PUBLIC POLICY RESEARCH

In Fall 1987, a Research Center for Public and International Policy was established within the School of Public Affairs to emphasize applied social science research. The Dean of the School of Public Affairs concurrently serves as the Director of the Research Center for Public and International Policy, which seeks both external and internal funds to carry out applied social science research. Faculty and graduate assistants in the School of Public Affairs gain hands-on experience in these research programs.

# Suggested Curriculum MASTER OF PUBLIC ADMINISTRATION (Coursework Option) Total Hours: 39-45

#### FIRST YEAR

Fall PUA 500 PUA 501 PUA 504	Perspectives on Pub. Admin. Quantitative Methods Organization Theory	Hours 3 3 3 9	Spring PUA 503 PUA 505 PUA 506 PUA	Res. Meth. and Pol. Anal. Intro. Mgt. Info. Systems Pub. Personnel Management Specialty Area Course	Hours 3 3 3 3 12
		SECON	D YEAR		7-17-18-18-18-18-18-18-18-18-18-18-18-18-18-
Fall PUA 605	Public Sector Economics	Hours 3	Spring PUA 607	Budgeting in	Hours
PUA 603	Government Agencies	3	1 OA 007	Government Agencies	3
*PUA 699	Internship in Pub. Admin.	3	*PUA 699	Internship in Pub. Admin.	3
**PUA	Coursework Option Course	3	**PUA	Coursework Option Course	3
PUA	Specialty Area Course	3	PUA	Specialty Area Course	3
	and a strong report and the residence of a residen	9-12		ir asemoselte emokerbelo sale in	9-12

<sup>\*</sup> Pre-service students (those without work experience) are required to enroll in PUA 699 (Internship in Public Administration), for one or two semesters. International students and others with limited academic background in American Government are required to enroll in PUA 600 (Seminar on American Administrative Agencies and Public Policies).

\*\* May be selected from courses at the 600-level in consultation with the student's advisor.

# Suggested Curriculum MASTER OF PUBLIC ADMINISTRATION (Professional Project Option or Thesis Option) Total Hours: 39-45\*

## FIRST YEAR

Fall PUA 500 PUA 501 PUA 504	Perspectives on Pub. Admin. Quantitative Methods Organization Theory	Hours 3 3 3 9	Spring PUA 503 PUA 505 PUA 506 PUA	Res. Meth. and Pol. Anal. Intro. Mgt. Info. Systems Pub. Personnel Management Specialty Area Course	Hours 3 3 3 12
		SECON	ID Year		
Fall		Hours	Spring		Hours
PUA 605	Public Sector Economics	3	PUA 607	Budgeting in	
*PUA 699	Internship in Pub. Admin.	3		Government Agencies	3
PUA 798	Prof. Project Option OR		*PUA 699	Internship in Pub. Admin.	3
PUA 799	Thesis Option	3	PUA 798	Prof. Project Option OR	
PUA	Specialty Area Course	3	PUA 799	Thesis Option	3
. 0			PUA	Specialty Area Course	3
		9-12			9-12

<sup>\*</sup> Pre-service students (those without work experience) are required to enroll in PUA 699 (Internship in Public Administration), for one or two semesters. International students and others with limited academic background in American Government are required to enroll in PUA 600 (Seminar on American Administrative Agencies and Public Policies).

# COURSE DESCRIPTIONS

Course descriptions are listed alphabetically by subject prefix on the following pages.

Each course description begins with a three-letter subject prefix followed by a three-digit course number and the course title. The number on the right of each course description gives the semester credit hours for that course. If a course includes laboratory or other special

ACC Accounting

ADM Administrative Support Services

ART Art

**BIO Biology** 

BSS Behavioral and Social Sciences

**BUA Business Administration** 

CDF Child Development and Family Realtions

**CHE Chemistry** 

CJE Criminal Justice

CLE Credit for Life Experience

COE Cooperative Education

COS Computer Science COM Communication

**ECO Economics** 

**EDU Education** 

**ENG** English

FNU Foods and Nutrition

FRE French

GEO Geography

**GER German** 

**GNT Gerontology** 

**HEC Home Economics** HED Health Education

HIS History

IGS Integrative Studies

**INT Industrial Technology** 

activities, that information is contained in the course description. Prerequisite(s) are also listed. A prerequisite is a course, experience, or other required preparation that must be completed before the student will be permitted to enroll in the course. The subject prefixes for the course descriptions follow:

**MAT Mathematics** 

MGT Management

MKT Marketing

MUE Music Education

MUS Music

**NUR Nursing** 

PHE Physical Education

PHI Philosophy

PHS Physical Sciences

PHY Physics

POS Political Science

PUA Public Administration

PSY Psychology

**REC Recreation** 

**REL Religious Studies** 

**RES Real Estate** 

SCI Science

SOC Sociology

SOW Social Work

SPA Spanish SPE Speech

TCL Textiles, Clothing, and Merchandising

THE Theatre

**UNV** University Orientation

WYC Whitney Young College

# READING, THINKING, WRITING EMPHASIS (RTWE) COURSE DESIGNATIONS

Compelled by its unique mission — to be the small liberal studies institution in Kentucky's system of public higher education — the University recognizes a need to make its faculty and students aware of the significance of reading, critical thinking, and writing as foundations for a liberal arts education.

In 1984 the University institutionalized the concept of Writing Across the Curriculum; and since then it has sought to sustain among faculty and students an interest in the concept. The University has also promoted cooperation among disciplines as they seek to promote interests, habits, and abilities that enable students to

become lifelong learners, doubters, planners, and evaluators.

Toward this end, the University has identified a number of courses and programs having reading, critical thinking, and writing emphases that prepare students to learn for life and to meet the challenges of their liferoles. These courses are designated RTWE in the course descriptions that follow. Those courses designated RTWE do not by any means represent all of the RTWE courses across the curriculum. A number of other courses exist on campus but had not been identified at the time this Catalogue was published.

## **ACCOUNTING**

ACC 261: Principles of Accounting I

Prerequisite: MAT 110 or consent of instructor. An introduction to current accounting theory and practice, including accounting concepts, principles, financial statements, the accounting cycle, current assets, current liabilities, and operating assets.

ACC 262: Principles of Accounting II

Prerequisites: ACC 261 and BUA 200. Study of accounting fundamentals involving corporations, partnerships, investments, manufacturing operations, financial statement analysis, statement of cash flows, and accounting information for management decisions.

ACC 361: Intermediate Accounting I

Prerequisite: ACC 262. A comprehensive study of concepts and principles underlying corporate financial accounting and reporting. Emphasis is given to current assets, current liabilities, and operating assets.

ACC 362: Intermediate Accounting II

Prerequisite: ACC 361. A continuation of ACC 361. A study of investments, long-term liabilities, stockholders equity, pensions, leases, accounting changes and error analysis, statement of cash flows, and interperiod income tax allocation.

ACC 400: Managerial Accounting

Prerequisites: ACC 262 and BUA 200. An exploration of decisionmaking tools and use of accounting information used by internal management for directing and controlling the organization's resources.

ACC 410: Accounting Systems

Prerequisites: ACC 262 and BUA 200. An exploration of the flow of accounting information and resources throughout the entity with respect to management decision-making and control. Hands-on experience with microcomputer accounting software is an integral part of this course.

ACC 461: Governmental/Not-For-Profit-Accounting

Prerequisite: ACC 262. Study of generally accepted accounting and reporting principles for governmental and non-profit entities. Particular emphasis is on state and local government using fund accounting.

ACC 462: Federal Income Taxation

Prerequisite: ACC 262. Application of federal income tax laws, rules, regulations, and court decisions for individuals and business, and the compliance aspect of tax return preparation.

ACC 463: Advanced Federal Income Taxation

Prerequisite: ACC 462. Application of federal income tax laws, rules, regulations and court decisions applicable to partnerships, corporations, fiduciaries and international transactions, estate and gift transfer taxes.

ACC 481: Cost Accounting I

Prerequisites: ACC 262 and BUA 200. The study of cost behavior from a managerial perspective. The principles, practices, and procedures involved in collecting, assembling, analyzing, and controlling manufacturing costs are examined.

ACC 482: Cost Accounting II

Prerequisites: ACC 481, BUA 200, ECO 312, and ECO 321. A study of accounting concepts and procedures in capital budgeting, cost allocation theory, cost behavior and quantitative approaches to dealing with constraints and uncertainty.

ACC 485: Advanced Accounting

Prerequisites: ACC 362 and BUA 200. A comprehensive study of selected accounting problems, including partnerships, consolidated financial statements, fiduciaries, receivership, and foreign currency translation.

ACC 490: Auditing

Prerequisites: ACC 362, BUA 200, and ECO 311. A study of the attest function, including history, scope of service, ethics, and responsibilities. Auditing techniques and procedures used in independent audits are

ACC 499: Independent Study in Accounting

Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular accounting concept or problem under the guidance of a faculty member.

# ADMINISTRATIVE SUPPORT SERVICES

ADM 100: Elementary Keyboarding

Basic keyboarding instruction as well as instruction in basic operating systems and word processing including the formatting of letters, tables, and manuscripts.

ADM 103: Intermediate Keyboarding

Prerequisite: Placement or successful completion of ADM 100. Emphasizes speed and control in keyboarding on electronic keyboard; includes business letters, business forms, tabulations, manuscripts, legal documents, and text-editing skills.

**ADM 121: Introduction to Business** 

A study of the fundamental principles of business organization, finance, banking, credit management, marketing, advertising, and entrepreneurship.

ADM 220: Communication for the Office

Prerequisites: ADM 100 or equivalent, and ENG 101. Application of communication theory to the writing of letters, memos, and short business reports.

ADM 222: Office Systems Procedures

Prerequisite: ADM 103. Combines skills of keyboarding, business calculations, accounting, and basic office procedures. Includes general use, medical, and legal office problems and procedures.

ADM 224: Information and Records Management

Principles of applying scientific control and utilizing information technology for creating, processing, and storing records. Involves data storage, retrieval, and presentation.

ADM 225: Spreadsheet Applications

Prerequisite: MAT 110. The application of computer spreadsheet software to mathematical, accounting, and basis statistical problems.

ADM 228: Office Applications in Accounting

Prerequisite: ACC 261, ADM 225, or consent of instructor. Reviews basic accounting principles within the context of an office applications environment. Emphasis is placed on using integrated accounting, data management, and document processing software throughout the accounting cycle.

ADM 230: Word Processing

Experience in the operation of a word processing system; provides for knowledge and understanding of some of the basic concepts and careers in the field of word processing.

ADM 231: Information Processing

Prerequisite: ADM 230 or consent of instructor. Advanced course in information processing where students learn advanced operations associated with information processing systems, including document processing applications (i.e., electronic mail and desktop publishing).

ADM 242: Office Management

Planning and directing the functional services of business and professional offices, including the office building, systems, layout, budgets, personnel, and control.

ADM 250: Word Processing Supervision

Prerequisite: ADM 230. The planning, organization and supervision of word/information processing activities, including systems layout, staffing, evaluation, standards, and budgets.

#### ART

ART 101: Early Elementary Art

Includes all aspects of teaching art in grades K-4: philosophies, methods, materials, and evaluations. Personal investigation of activities involving the two-dimensional materials is stressed.

ART 102: Introduction to Arts and Crafts

An introductory course in arts and crafts for non-Art majors. Diverse art media and processes are explored and basic concepts and vocabulary are introduced.

ART 103: Interior Design

An introduction to basic concepts, principles, and techniques of interior design. Each time this course is offered, different topics will be covered. (May be repeated five times)

ART 110: Basic Drawing I

An introductory course with emphasis on developing visual acuity and fundamental drawing skills. Methods and materials relating to two-dimensional representation will be investigated.

ART 112: Two-Dimensional Design

An introduction to basic design elements and principles. Activities include the investigation of line, shape, value, color, and texture within the two-dimensional realm.

ART 113: Three-Dimensional Design

Prerequisite: ART 112. A continuation of ART 112 as it relates to the three-dimensional realm.

ART 130: Introduction to Art

Examines the nature of visual art experiences, formal and expressive characteristics of art, historical concepts and movements, and the relevance of art to one's life.

ART 201: Art History Survey I

A survey lecture course designed to expose the student to the history of art from pre-historic times through the Middle Ages.

ART 202: Art History Survey II

Prerequisite: ART 201. A continuation of ART 201 from the Renaissance through the Modern Period.

ART 211: Basic Drawing II

Prerequisite: ART 110. A continuation of ART 110. Emphasis on the rendering of the human form via contour, gesture, value, and weight drawing with various media.

ART 220: Basic Painting I

Prerequisites: Art 110 and 112. An introduction to the basic processes and materials of painting. Emphasis is placed on compositional factors.

Prerequisites: ART 110 and ART 113. An introduction to the basic processes and materials of ceramics. Emphasis is placed on handbuilding processes and principles of glazing and firing.

Prerequisites: ART 110 and ART 113. Exploration of both loomand finger-controlled weaving processes and an introduction to drafts.

ART 300: Twentieth Century Art History

A study of European and American art forms of the Twentieth Century.

ART 302: Contemporary Art History Examination of the directions in the visual arts since 1955. ART 303: African-American Art History

A course designed to reveal contributions and accomplishments of African-American artists and the influence of traditional early African art on art of the world.

ART 304: Directions in American Art

An examination of major directions in American Art of the Nineteenth and Twentieth centuries

ART 305: Commercial Art I

Prerequisites: ART 110 and ART 112. An introduction to basic concepts and skills of commercial art.

ART 306: Studio Arts

A studio course that engages a concentration of contemporary art and non-traditional processes of art making.

ART 307: Photography I

An introductory course in black-and-white photography. Aesthetic considerations and technical control of the medium will be emphasized. Students must provide their own cameras.

ART 308: Introduction to Film I:

Film Structure and Interpretation An examination of the "language" of film and interpretation of films

within issues related to liberal studies courses. ART 309: Introduction to Film II: Topics in Film

Topical issues and principles of film theory with changing topics, such as critical perspectives, views of history, the director.

ART 310: Basic Drawing III

Prerequisites: ART 110 and ART 112. An investigative approach to both the figurative and abstract levels. Personal visual expressions are encouraged.

ART 315: Sculpture I

Prerequisites: ART 110 and ART 113. An introduction to the basic constructive processes of sculpture, utilizing plaster, wire, wood and other related materials.

ART 317: Printmaking I

Prerequisites: ART 110 and ART 112. An introduction to the basic processes and materials of printmaking including monoprint, collography, woodcut, serigraphy, and etching.

ART 319: Elementary School Art

A combination lecture-laboratory course which focuses upon all aspects of teaching art in the elementary school. This course is designed for art education majors.

ART 321: Basic Painting II

Prerequisite: ART 220. A continuation of Art 220 with emphasis on exploration of media and the expression of individual concepts.

Prerequisite: ART 240. Basic techniques of throwing on a potter's wheel; further study of clay bodies, glazing and firing principles are investigated.

ART 345: Weaving II

Prerequisite: ART 245. A continuation of activities introduced in Art 245 with an emphasis on draft weaving.

ART 360: Art Symposium

A course designed to acquaint students with concepts, media, and methods of the arts via discussions, guest speakers, multi-media presentations, and demonstrations. (May be repeated 5 times)

ART 400: Senior Seminar

Exploration of topics in contemporary art through research, discussion, and field trips. Art majors will prepare their Senior Art Exhibitions, document them with slides, and develop resumes.

ART 405: Commercial Art II Prerequisite: ART 305. A continuation of the development of concepts and skills introduced in Art 305 with emphasis on comprehensive layout and illustration techniques.

ART 407: Photography II Prerequisite: ART 307 or consent of instructor. A continuation of the

development of skills and aesthetic understanding introduced in ART 307. Special techniques such as multiple printing, solarization, and toning will be introduced.

ART 415: Sculpture II Prerequisite: ART 315. An introduction to the basic subtractive pro-

cesses of sculpture, utilizing wood, stone, and other related materials. ART 417: Printmaking II Prerequisite: ART 317. A continuation of processes introduced in Art

314. Basic lithographic processes, serigraphy, and etching are also

ART 419: Methods and Materials for Teaching Art A course which examines teaching and media for both elementary and secondary levels. Designed specifically for art education majors.

ART 420: Painting III Prerequisite: ART 321. The expression of individual concepts in painting is encouraged. The appropriateness of materials to specific visual statements is studied.

ART 430-453: Problems in Art

These courses are designed to provide students advanced, individualized instruction in the art areas listed below.

ART 430: Problems in Drawing I

ART 431: Problems in Drawing II

ART 432: Problems in Drawing III

ART 433: Problems in Painting I

ART 434: Problems in Painting II

ART 435: Problems in Painting III

ART 436: Problems in Printmaking I

ART 437: Problems in Printmaking II

ART 438: Problems in Printmaking III

ART 439: Problems in Ceramics I

ART 440: Problems in Ceramics II ART 441: Problems in Ceramics III

ART 442: Problems in Sculpture I

ART 443: Problems in Sculpture II

ART 444: Problems in Sculpture III

ART 445: Problems in Weaving I

ART 446: Problems in Weaving II

ART 447: Problems in Weaving III

ART 448: Problems in Art History I

ART 449: Problems in Art History II

ART 450: Problems in Art History III

ART 451: Problems in Photography I

ART 452: Problems in Photography II

ART 453: Problems in Photography III

# **BIOLOGY**

#### BIO 101: Life Science

A general study of biological concepts of living organisms. Emphasis is placed on cellular physiology, genetics, ecology, and evolution. (Two hours of lecture, two hours of laboratory per week)

BIO 107: Anatomy and Physiology I

Study of the structure and function of various body systems. Emphasis on the skeletal, muscular and nervous mechanisms. Adapted to the needs of Nursing students. (Three hours of lecture, two hours of laboratory per week)

BIO 108: Anatomy and Physiology II

Prerequisite: BIO 107 or consent of instructor. A continuation of BIO 107 with emphasis on the circulatory, respiratory, digestive, urinary, endocrine, and reproductive systems. (Three hours of lecture, two hours of laboratory per week)

**BIO 111: Principles of Biology** 

Analysis of fundamental concepts underlying and unifying living systems. Emphasis on major principles of cellular anatomy and physiology, reproduction and development, genetics, ecology, and evolution. (Three hours of lecture/discussion, two hours of laboratory

BIO 112: Exploration of Modern Topics in Biology (RTWE) Prerequisite: BIO 101 or BIO 111. Formal presentations and colloquia on biological topics of current interest. Concise overviews will be presented on the diversity of living systems, evolution, and life processes. (Three hours of lecture per week)

BIO 204: Fundamentals of Microbiology

A course adapted to the needs of nursing students. Emphasis on infection by microbes, the body's immune system, pathogens, and parasites. (Two hours of lecture, two hours of laboratory per week)

BIO 210: General Zoology

Prerequisite: BIO 111. Introduction to the animal world, including taxonomy and diversity of kind, morphological and physiological organization of representatives of various phyla; and evolutionary relationships among phyla. (Two hours of lecture, two hours of laboratory per week)

BIO 212: General Botany

Prerequisite: BIO 111. Introduction to the plant world, including taxonomy and diversity of kind, morphological and physiological organization in various divisions, and evolutionary relationships among divisions. (Two hours of lecture, two hours of laboratory per week)

**BIO 220: Medical Terminology** 

Designed to review common terms used in the medical professions.

**BIO 250: Introduction to Aquaculture** 

Introduction to principles underlying aquatic productivity and management with a survey of domestic and foreign cultures of fish and aquatic vertebrates.

**BIO 251: Survey of Production Methods** 

Prerequisite: BIO 250 or consent of instructor. An overview of alternative production methods including ponds, cages, net-pens, raceways, and recirculating systems with application to suitable species. (Three hours of lecture per week)

**BIO 260: Water Ouality Management** 

Prerequisite: Consent of instructor. A survey of theory and practice into the understanding and manipulation of the biological, chemical, and physical aspects of water quality in aquaculture production. (Three hours of lecture, two hours of laboratory per week)

**BIO 301: Human Anatomy** 

Prerequisite: BIO 101 or BIO 111. A study of the anatomical configuration of cells and tissues forming neural, muscular, renal, circulatory, respiratory, digestive, skeletal, and reproductive systems. (Two hours of lecture, two hours of laboratory per week)

**BIO 302: General Microbiology** 

Prerequisite(s): BIO 111 and CHE 102 (concurrent), or consent of instructor. Morphology, classification, distribution, and physiology of bacteria, viruses, and other microorganisms in industry and the environment. Aseptic technique, staining, cultivation, identification, and control of bacteria. (Three hours of lecture, three hours of laboratory per week)

BIO 303: Human Physiology

Prerequisites: BIO 210 and CHE 102; PHY 207 and PHY 208 are recommended. Cells, tissues, organs, and systems in relation to each other and in coordination with contractility, conductivity, respiration, translocation of materials, and other problems in physiology. (Three hours of lecture, three hours of laboratory per week)

**BIO 304: Vertebrate Embryology** 

Prerequisite: BIO 111 or consent of instructor. Morphological and developmental aspects of embryology, including genetic and molecular mechanisms. The comparative developmental anatomy of the starfish, frog, chick, and pig are studied. (Two hours of lecture, four hours of laboratory per week)

**BIO 305: Comparative Vertebrate Anatomy** 

Prerequisite: BIO 210. Relationships of vertebrate groups and structure and significance of various organs and systems of typical vertebrates. Discussions of the history and habitats of various groups. (Two hours of lecture, four hours of laboratory per week)

**BIO 307: Genetics** 

Prerequisites: BIO 111 and CHE 102. Laws and principles of heredity and variation of plants and animals with special reference to man. Evaluates biochemical, biometrical, cytological, and embryological aspects of genetics. (Two hours of lecture, two hours of laboratory per

BIO 308: Microtechniques and Histology

Prerequisite: BIO 111. Primarily a laboratory course devoted to preparation of tissues for microscopic study. Lectures offer an introduction to microscopic anatomy and theory of microscopic techniques. (Two hours of lecture, four hours of laboratory per week)

BIO 309: Parasitology

Prerequisite: BIO 210 or consent of instructor. A study of epidemiology, pathology, diagnosis, and control of parasites of man and other animals. (Two hours of lecture and four hours of laboratory per week)

**BIO 311: Fish Physiology** 

Prerequisite: Consent of instructor. An overview of fish morphology and physiology with emphasis on comparative and adaptive aspects among Osteichthyes (true bony fish). (Three hours of lecture, two hours of laboratory per week)

**BIO 321: Fish Nutrition** 

Prerequisite: BIO 250 or consent of instructor. Fundamental and applied aspects of fish nutrition including nutrient requirements, nutrient chemistry, ration formulation, and practical feeding will be taught. (Three hours of lecture per week)

BIO 401: Biology Seminar (RTWE)

Prerequisite: Upper-division standing required, senior classification recommended. A seminar designed to provide information and discussion on current biological research by faculty members and visiting scientists.

**BIO 403: Immunology** 

Prerequisite: Consent of instructor. Immune system, immunoglobulin structure, antigenicity, antigen-antibody reactions, phylogeny of immune responses, and antibody formation. Immunity to bacterial and viral infections, allergies, and graft-host reactions. (Three hours of lecture/discussion/demonstration/laboratory per week)

**BIO 404: Hematology** 

Prerequisite: Consent of instructor. A comprehensive study of the blood system, including the hematopoietic systems and disorders of the blood in humans. (Five hours of lecture/laboratory per week)

**BIO 405: Medical Microbiology** 

Prerequisite: BIO 302. Lecture and laboratory work in pathogenic

bacteriology, virology, mycology, and parasitology. Emphasis on etiology, epidemiology, identification, and clinical diagnosis of pathogens. (Three hours of lecture, three hours of laboratory per week)

BIO 406: Fish Diseases

Prerequisite: Consent of instructor. Clinical diagnosis of fish diseases; necrospy of diseased fish; and formulation of corrective measures for disease control. (Three hours of lecture, two hours of laboratory per week)

BIO 408: Cell Biology

Prerequisites: BIO 111 and CHE 202. Cell structure and chemistry as it relates to cell function. Biochemical and molecular aspects of cell functions are emphasized. (Three hours of lecture, three hours of laboratory per week)

BIO 410: Special Problems in Biology

Prerequisite: Consent of the instructor. A course in which advanced Biology students who demonstrate ability and interest in the field pursue an independent experimental or library research project. May be repeated once for credit.

BIO 416: Ecology (RTWE)

Prerequisite: BIO 101 or BIO 111 or consent of instructor. A study of the interrelationships of living organisms and their environment. This course draws from several disciplines and stresses concepts of modern ecology. (Three hours of lecture per week)

**BIO 490: Biological Practicum** 

Prerequisite: Consent of advisor. An on-the-job clinical practice (Clinical Laboratory Sciences).

BIO 491: Internship: Aquaculture

Prerequisite: Consent of advisor. Intensive experience involving practical on-site participation working at an aquaculture facility (University, state, or private).

# BEHAVIORAL AND SOCIAL SCIENCES

BSS 499: Senior Colloquium

Prerequisite: Senior classification. This course is designed to develop analytical skills, interpretation and research; and to nurture intellectual self-reliance and critical thinking.

#### **BUSINESS ADMINISTRATION**

**BUA 200: Computer Applications in Business** 

A survey of business-application software with emphasis on the personal computer. The student learns word processing, electronic spreadsheets, data management, and business graphics.

**BUA 204: Business Communication** 

Prerequisites: ADM 100 or equivalent, ADM 230 or BUA 200, and ENG 102. Application of communication theory to business writings and oral presentations.

**BUA 321: Legal Environment** 

A study of the American legal system; basic legal rules relating to torts, crimes, and contracts; and the regulatory environment in which businesses operate. Attention is given to ethical considerations affecting business and law.

**BUA 322: Business Law** 

Prerequisite: BUA 321. A study of the law relating to sales, negotiable instruments, real and personal property, agency, partnerships, and corporations. Attention is given to ethical considerations affecting business

BUA 330: Corporation Finance 3
Prerequisites: ACC 262 and ECO 212. Overview of financial principles

Prerequisites: ACC 262 and ECO 212. Overview of Intaricial principles and functions with applications to corporate financial management. Emphasis is placed on working capital management, capital budgeting, risk and financial analysis.

**BUA 421: Cases in Financial Management** 

Prerequisite: BUA 330. This course will expose students to the application of analytical techniques used by financial managers of business enterprises.

**BUA 430: Investments** 

Prerequisite: BUA 330. Characteristics of bonds, stocks, other investment materials, securities markets, and investments banking are studied. Consideration is given to the sources of investment information and the analysis of securities.

**BUA 440: Personal Financial Planning** 

Prerequisite: Consent of instructor. Overview of budgeting, risk management, investment basics, taxes, retirement planning, and estate planning.

BUA 499: Independent Study in Business Administration

Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular business administration concept or problem under the guidance of a faculty member.

# CHILD DEVELOPMENT AND FAMILY RELATIONS

CDF 101: Introduction to Early Childhood Education

Examines various program models and philosophies of early childhood education and includes a basic introduction to the overall needs of young children. (Lecture, field trips, and observation)

CDF 102: Family Development

Examines the stages of the family life cycle and interpersonal relationships among family members. (Lecture and discussion)

CDF 203: Child Development I (RTWE)

This course examines the physical, mental, social, and emotional growth of a child from conception through age three. Providing quality care and education of infants and toddlers. (Lecture and observation)

CDF 204: Child Development II (RTWE)

Prerequisite: CDF 203. A lecture/observation course designed for child development and early education (K-4) majors which examines the physical, cognitive, social, and emotional growth of the child from age four through eight years. (Lecture and observation)

CDF 305: Materials and Methods in Early
Childhood Education

Prerequisites: CDF 203 and CDF 204. A study of content, methods, and materials for teaching young children in a group setting.

CDF 315: Child Guidance

Prerequisites: CDF 203 and CDF 204. Intense study of child development theories and guidance techniques. (Two hours lecture and two hours laboratory)

CDF 316: Teacher's Role in Family/School Relations

A study of current principles and practices and the analysis of factors which enhance the teacher's role in family/school relations. (Lecture and report-writing)

CDF 407: Advanced Practicum in Early Childhood Programs I 3 Prerequisite: Consent of instructor. Supervised practicum in the Early Childhood Learning Center. (Eight hours laboratory, one hour lecture)

CDF 408: Advanced Practicum in Early Childhood Programs II 3 Prerequisite: Consent of instructor. Supervised practicum in the Early Childhood Learning Center. (Eight hours laboratory, one hour

ly Childhood Learning Center. (Eight hours laboratory, one hour lecture)

CDF 409: Organization and Administration of Early

Childhood Education Programs

Prerequisite: Consent of instructor. Organization and administration of early childhood education programs including housing, equipment, programs, records, and parent involvement.

CDF 420: Parent Education (RTWE)

Study and application of various principles and techniques useful in working with parents of preschool through adolescent children.

#### **CHEMISTRY**

CHE 101: General Chemistry I

Prerequisite: MAT 115 or consent of instructor. Introduction to units of scientific measurement, atomic structure and chemical bonding, chemical calculations, the states of matter, and solutions. (Three hours of lecture, three hours of laboratory per week)

CHE 102: General Chemistry II

Prerequisite: CHE 101 or equivalent. A continuation of CHE 101, including kinetics, equilibria, nuclear chemistry, thermochemistry, electrochemistry, descriptive chemistry, and organic chemistry. (Three hours of lecture, three hours of laboratory per week)

CHE 109: Survey of General Chemistry

Basic principles of general chemistry for students in home economics, nursing, industrial arts, and in other fields. (Four hours of lecture per week)

CHE 200: Survey of Basic Organic Chemistry

Prerequisite: CHE 109. Basic classification of organic compounds, their reactivities, and their structural relationships. Emphasis on biologically active compounds related to medicine and nutrition. (Four hours of lecture per week)

CHE 201: Organic Chemistry I

Prerequisite: CHE 102. Molecular orbital representations of organic molecules, reaction mechanisms. Introduction to the use of ultraviolet, infrared, and nuclear magnetic resonance spectroscopy in identification of organic compounds. (Three hours of lecture, three hours of laboratory per week)

CHE 202: Organic Chemistry II

Prerequisite: CHE 201. A continuation of CHE 201 covering the reactions of aromatics, amines, alcohols, phenols, carbonyls, carboxylic acids, and polyfunctional organic molecules. Instrumental methods of functional group determination. (Three hours of lecture, three hours of laboratory per week)

CHE 203: Quantitative Analysis

Prerequisite: CHE 102. Fundamental theory and practice of volumetric, gravimetric, and electrochemical analysis. Preparation of standard solutions and analysis of salts, alloys, and ores. (Two hours of lecture, four hours of laboratory per week)

CHE 307: Physical Chemistry I

Prerequisite: MAT 201. Corequisite: CHE 203 or consent of instructor. Introduction to the theory and application of thermodynamics, molecular kinetics, and chemical kinetics. (Three hours of lecture, three hours of laboratory per week)

CHE 308: Physical Chemistry II

Prerequisite: CHE 307. A continuation of CHE 307. Introduction to quantum mechanics, statistical mechanics, and molecular spectroscopy. (Three hours of lecture, three hours of laboratory per week)

CHE 312: Inorganic Chemistry

Prerequisites: CHE 101 and CHE 102. Focus includes periodicity and electronic structure, bonding and acid-base theories, reactions in non-aqueous media, and transition metal coordination chemistry. (Four hours of lecture per week)

CHE 314: Instrumental Analysis

Prerequisite: CHE 203. Theory and modern methods of instrumental analysis, with emphasis on spectrophotometric, chromatographic, and electroanalytical techniques. (Two hours of lecture, four hours of laboratory per week)

CHE 315: Biochemistry

Prerequisite: CHE 201 (CHE 307 recommended). Introductory study of amino acids, peptides, proteins, enzymes, nucleotides and nucleic acids, carbohydrates, lipids and biomembranes, the citric acid cycle, lipid metabolism, and protein biosynthesis. (Three hours of lecture, three hours of laboratory per week)

CHE 401: Undergraduate Research

Prerequisite: Consent of instructor. This course is designed to give Chemistry majors an opportunity to conduct independent research, using techniques in synthesis, analysis, and applications of basic chemical theory. (Hours arranged)

# CRIMINAL JUSTICE

CJE 101: Introduction to Criminal Justice

A survey course designed to study the criminal justice process. An analysis of local, state, and federal law enforcement agencies, court, and correctional agencies.

CJE 103: Introduction to Criminal Law

Prerequisite: CJE 101 or consent of instructor. The study of the development and history of criminal laws in the United States emphasizing the structure, definitions, and interpretations of criminal statutes.

CJE 200: Police Systems

Prerequisite: CJE 101 or consent of instructor. The study of the history and development of federal, state, and local law enforcement agencies and current issues in law enforcement.

CJE 201: Criminal Investigation

Prerequisite: CJE 101 or consent of instructor. An introduction to the techniques and methods used by police investigators. Attention is given to crime scene protection, collection, preservation, and identification of physical evidence.

CJE 202: Police Patrol and Services

Prerequisite: CJE 101 or consent of instructor. The study of patrol function as viewed from the individual, supervisory, and organizational levels, including responsibilities, techniques and methods of patrol.

CJE 203: Criminal Procedure

Prerequisite: CJE 103 or consent of instructor. The study of pre-trial, trial, and post-trial procedures and their rationales. An analysis of positive and negative implications and/or consequences of the legal process.

CIE 204: Criminal Evidence

Prerequisite: CJE 203 or consent of instructor. The study of the rules of evidence with particular emphasis on preparing and presenting evidence. Includes admissibility requirements, burden of proof, testimonial privileges, and hearsay evidence.

CJE 205: Introduction to Corrections

Prerequisite: CJE 203 or consent of instructor. The study of the correctional process, including jails, prisons, probation and parole. Emphasis is on an analysis of correctional theory and practice.

CJE 208: Private Security

The study of the historical and philosophical development of private security. Emphasis is placed on responsibilities and legal problems of private agencies.

CJE 210: Community Relations and Criminal Justice

Prerequisite: CJE 200 or consent of instructor. The study of the relationship of the community to law enforcement, correctional institutions, and other criminal justice agencies. Emphasizes techniques for conflict resolution.

CJE 211: Police Administration I

An examination of the principles of organization, administration and functions of police departments. An evaluation of personnel policies, divisions, operations, and command policies.

CIE 212: Police Administration II

Prerequisite: CJE 211 or consent of instructor. A study of the organization, administration, and function of police departments. An evaluation of line, staff, auxiliary functions, and the utilization of planning as administrative aids.

CJE/SOW 300: Statistics for Criminal Justice

Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in criminal justice with an emphasis on applied methods.

CJE 303: Constitutional Issues I

Prerequisite: CJE 204 or consent of instructor. The study of the United States Constitution and analysis of U.S. Supreme Court decisions stemming from the First, Fourth, Fifth, and Sixth Amendments.

CIE 304: Constitutional Issues II

Prerequisite: CJE 303 or consent of instructor. A continuation of CJE 303. An examination of Supreme U.S. Court decisions stemming from the Sixth, Eighth, and Fourteenth Amendments.

CJE 316: Principles of Victimology

Prerequisite(s): CJE 204 and PSY 200, or consent of instructor. Study of crime, its victims, and their relationship to the criminal justice process. Emphasizes psychological, financial, and medical needs and problems of the victim.

CJE 390: Criminal Justice Internship

Prerequisite(s): CJE 103 and CJE 205, or consent of instructor. A supervised placement in a criminal justice agency which enables students to obtain practical experience in a criminal justice setting.

CIE 404: Institutional Corrections

Prerequisite: CJE 205 or consent of instructor. The study of prison process. Emphasis is placed on inmate-staff relationships, security procedures, and treatment procedures in prison.

CJE 405: Community Corrections

Prerequisite(s): CJE 205, CJE 304, and SOC 343, or consent of instructor. History and philosophy of probation, parole, and community-based correctional programs. Emphasizes methods of treating offenders, decision making, and community reintegration process.

CJE 407: Criminal Justice Administration I (RTWE)

Prerequisite: CJE 304 or consent of instructor. The study of the principles of organization, administration, and function of criminal justice agencies, including law enforcement agencies, the courts, and correctional agencies.

CJE 408: Criminal Justice Administration II (RTWE)

Prerequisite: CJE 407 or consent of instructor. A continuation of CJE 407. An examination of management approaches and problems in criminal justice, including the examination of planning and evaluation techniques and use of information systems.

CIE 409: Seminar in Criminal Justice Prerequisite: CJE 407 or consent of instructor. The study of special issues in criminal justice. Special emphasis is placed upon solutions to particular administrative problems.

CJE 495: Criminal Justice Research Study Prerequisite: Consent of instructor. An in-depth research effort in the field of criminal justice. May be a group or individual effort. Restricted to CJE majors and minors who possess a minimum GPA of 3.0.

# CREDIT FOR LIFE EXPERIENCE

CLE 299: Portfolio Development Prerequisites: ENG 101, MAT 110, and consent of instructor. Required

course for all students seeking credit through assessment of educationally valid life experiences. Instructs students in developing documented portfolio of non-sponsored, prior experiential learning. Graded Pass/Fail.

# COOPERATIVE EDUCATION

COE 291: Cooperative Education I

Prerequisites: 30 semester credit hours of coursework and consent of advisor. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

COE 391: Cooperative Education II

Prerequisites: One semester of Cooperative Education work experience and consent of advisor. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

COE 491: Cooperative Education III

Prerequisites: Two semesters of Cooperative Education work experience and consent of advisor. Work experience opportunity in a field related to student's academic interests. Graded Pass/Fail except for internship required for major. (Hours arranged)

## COMMUNICATION

COM 205: Mass Media and Society

Prerequisite: SPE 103. The societal impact of mass media in terms of information, entertainment, and other types of programming. Basic theory relative to criticism and demographics is stressed.

COM 206: Audio Production

Prerequisite: COM 205. A study of audio production techniques and the use of audio boards, microphones, tape decks, cartridge tapes, and the recording and editing of tapes.

COM 210: Introduction to Mass Communications

An introduction to mass communication concepts, theory, and innovations. An understanding of mass media as an industry, profit-making business, and agent for social change.

COM 225: Radio Production/Programming

Prerequisite: COM 205. Provides experience in radio production and operating practices, relationship of these experiences to the commercial, educational, and aesthetic requirements of the broadcasting

COM 308: Radio-Television Advertising and Sales

Prerequisite: COM 205. Focus on the problems of broadcast advertising and the nation's economy. Includes designing of the broadcast commercial message and the foundations for effective time buying.

COM 333: Radio-Television News and Special Programs Prerequisite: COM 206. Writing news for electronic dissemination.

Students learn how to gather, write, and visualize news for radio or television.

COM 400: Radio-Television Audiences and Programming Prerequisite: COM 225. Provides opportunities for the student to become familiar with the techniques of creating programs, program schedules, demographic analyses, and policies and procedures of station operation.

COM 430: Special Topics in Mass Communications

Prerequisites: COM 200, COM 205, SPE 103, and consent of instructor. A seminar setting which will allow students opportunities to investigate theoretical concepts, research analyses, and findings in various domains of communication(s).

COM 480: Internship

Prerequisite: Consent of instructor. An applied course to allow students to acquire classroom and laboratory experience within a professional media setting.

# COMPUTER SCIENCE

COS 100: Introduction to Computers

Introductory survey of the concepts and terminology of computer hardware and software integrated with significant computer laboratory experience. Includes hardware organization, operating systems, and skill development projects in word processing, spreadsheet, and database applications.

COS 101: Programming in BASIC

An introduction to structured programming using BASIC as a programming language. Focus on problem-solving techniques using flow charting, input, output, and basic file handling routines, mathematical computation, string handling, decision and repetition structures.

COS 108: Principles of Computer Science I

An introduction to the foundations of Computer Science that incorporates the study of computer architecture, problem-solving, algorithm development, data organization, storage and manipulation with the study of structured programming techniques using Pascal.

COS 109: Principles of Computer Science II

Prerequisite: COS 108, passed with a grade of "C" or above. Continuation of COS 108 which combines the topics of software engineering, databases, artificial intelligence, theory of computation, graphics, and telecommunications with the study of Pascal.

COS 110: Programming in FORTRAN

Introduction to problem-solving methods and algorithm development using FORTRAN. Emphasis on designing, coding, debugging, and documenting scientifically/mathematically based programs.

COS 113: Report Program Generator

Prerequisite: COS 108, passed with a grade of "C" or above, or consent of instructor. Introduction to input/output programming and report generating using RPG. Includes the study of specification formats, arithmetic operations and edit codes, conditional and control break processing, group printing, as well as array and table processing.

COS 180: Advanced Programming in BASIC

Prerequisite: COS 101, passed with a grade of "C" or above, or consent of instructor. A continuation of COS 101. The course includes topics such as table handling, string manipulation, file processing, sorting, and search routines in BASIC.

COS 200: Computer Information Systems

Prerequisite: COS 109, passed with a grade of "C" or above. Overview of computer-based information systems, its major models, applications and functions from a computer hardware and software perspective. Emphasis on implementation techniques in organizing data and information, manipulating files and databases, and data transmission systems.

COS 210: Advanced Programming in FORTRAN

Prerequisite: COS 110, passed with a grade of "C" or above. Continuation of topics in COS 110, with special emphasis on more complex programs. String processing, searching, sorting, and complex data structures are studied.

COS 212: Assembly Language Programming

Prerequisite: COS 109, passed with a grade of "C" or above. Assembly language programming dealing with memory, registers, instruction types and formats, data formats, addressing, symbolics, and the assembly process.

COS 220: Computer Organization

Prerequisite: COS 212, passed with a grade of "C" or above. Introduction to the organization and structuring of the major hardware components of a computer. Provides the fundamentals of number systems, logic design and the mechanics of information transfer and control.

COS 230: Programming in COBOL

Prerequisite: COS 101 or 108, passed with a grade of "C" or above, or consent of instructor. A study of COBOL syntax and its applications in business programming. Includes structured program design, data types, input/output formats, control statements, arithmetic operations, control break processing, debugging, and program maintenance techniques.

COS 240: File Processing

Prerequisite: COS 230, passed with a grade of "C" or above. A continuation of COS 230. Topics studied include table usage, sorting, merging, and maintenance of sequential, indexed, and relative files in COBOL. Access method algorithms and file design strategies are also studied.

COS 250: Advanced Programming Techniques

Prerequisite: COS 109, passed with a grade of "C" or above, or consent of instructor. Broadens and deepens skills and strategies in aspects of programming and software development which are currently being used in professional computing environments using 'C' as a programming tool.

COS 300: Systems Design and Development I (RTWE)

Prerequisite: COS 240, passed with a grade of "C" or above. A study of computer systems designs and development techniques. Includes the software life-cycle, project planning, requirements analysis, specification development techniques, structured design methods, software validation, and quality assurance.

COS 302: Operating Systems

Prerequisite: COS 220, passed with a grade of "C" or above. An overview of the concepts and theories that underlie operating systems including: process and memory management strategies, file systems and protection, scheduling algorithms, multi-programming, distributed systems, and virtual memory.

COS 310: Discrete Computing Structures

Prerequisites: COS 109 and MAT 115, both passed with a grade of "C" or above. Introduces the main structures underlying Computer Science, including matrices, graphs, automata, Turing machines, and formal grammar.

COS 340: Data Structure and Algorithm Analysis

Prerequisite: COS 109, passed with a grade of "C" or above. A study of complex data structures used to represent and manipulate data. This includes arrays, strings, linked lists, abstract data types, trees, and graphs. The efficiencies of searching and sorting algorithms are studied using Pascal.

COS 350: Organization of Programming Languages

Prerequisites: COS 220 and 240, both passed with a grade of "C" or above. A comparative analysis of programming language constructs used in major programming languages. Students study the historical development of programming languages, BNF context-free grammars, language evaluation criteria, and the implementation of data types, control structures, and operators. Students are expected to complete assignments in two or more programming languages.

COS 360: Introduction to Compilers

Prerequisites: COS 340 and 350, both passed with a grade of "C" or above. Introduces the basic structure of compilers, and lexical analyzers. Regular expressions, finite-state machines, context-free grammars, and parsing are also studied.

COS 400: Systems Design and Development II (RTWE)

Prerequisite: COS 300, passed with a grade of "C" or above. Continuation of COS 300 with emphasis on state of the art techniques in systems development. Students apply the techniques learned while working in small teams. Computer-Aided Systems Engineering (CASE) tools are used in the design and creation of a large scale software project.

COS 410: Database Management Systems

Prerequisite: COS 240 or 340, passed with a grade of "C" or above. Detailed study of major database concepts and dominant models. Focus on hierarchical, relational, and network systems as they are implemented in current database management applications. Students apply knowledge to design and build a database management program.

COS 420: Algorithms

Prerequisites: COS 310 and 340, both passed with a grade of "C" or above. Techniques of analyzing, developing, and implementing algorithms are presented. Examples of algorithms from sorting, set manipulation, and graphs; issues of automatons and turing machines; computational complexity and np-completeness are implemented in appropriate languages.

COS 460: Artificial Intelligence

Prerequisite: COS 310, passed with a grade of "C" or above. Introduction to the problems, techniques, and theoretical foundations and limitations of Artificial Intelligence.

COS 470: Networking and Telecommunications

Prerequisites: COS 302 and 340, both passed with a grade of "C" or above. Overview of telecommunications systems and computer components employed in transmission of data in local and wide area networks. Issues relating to network analysis and management are explored.

COS 490: Seminar in Computer Science

Prerequisites: Senior major or minor in Computer Science. Must have a grade of "C" or above in all Computer Science courses. Important and timely problems in Computer Science are researched with findings, results, and conclusions presented in seminar discussion

# **ECONOMICS**

ECO 200: Survey of Economics

A basic survey of economic principles involved in microeconomics and macroeconomics. This course is offered to non-Business majors.

ECO 211: Principles of Economics I The basic principles of microeconomics are examined and an overview of the American economy. Market structure, income distribution, general equilibrium, and welfare economics are considered.

ECO 212: Principles of Economics II Prerequisite: ECO 211. The basic principles of macroeconomics explore both the private and public sectors. National income determination, money and banking, economic growth, and international economics

are considered. ECO 311: Business Statistics I Prerequisite: MAT 125. Focus on measurement of central tendencies,

probability concepts, sampling distribution, appreciation of statistical estimates, and hypothesis testing in uncertain situations.

ECO 312: Business Statistics II Prerequisite: ECO 311. The study of regression and correlation analysis, time series analysis and forecasting, Chi-square, and analysis of

ECO 321: Quantitative Methods of Decision Making Prerequisites: MAT 125 and ECO 311. Various quantitative models involving matrix algebra, calculus, and functions are studied. The use of linear programming in business decisions is emphasized.

ECO 322: Microeconomics Prerequisite: ECO 212. Intensive study of economic analysis of consumption, output, price, and factor proportion problems and forms

of decision making in different market structures. ECO 323: Macroeconomics

Prerequisite: ECO 212. Static and dynamic theories of aggregate economics, the measurement of economic activity, determination of national income and growth, and the control of economic activity.

**ECO 329: International Economics** Prerequisite: ECO 212. Description and analysis of the international economic relationships among the nations of the world with emphasis on the United States and international trade.

ECO 411: Money and Banking Prerequisite: ECO 212. A study of monetary and banking systems in the United States. Highlighted are the roles of the Federal Reserve System and current monetary problems.

ECO 420: History of Economic Thought Prerequisite: ECO 212. The evolution of economic ideas and concepts from ancient times to the present. A study is made of the major contributions of principal economic scholars.

**ECO 424: Labor Economics** Prerequisite: ECO 212. A study of employment, labor markets, and the labor movement. Studied are theories of wage rate determinations, unemployment, human resource policy, worker's compensation, and

industrial disputes. ECO 425: Comparative Economic Systems Prerequisite: ECO 212. A study of the ideologies and functioning of capitalism, communism, and socialism, and how various economic principles and theories apply under these systems.

ECO 499: Independent Study in Economics Prerequisites: Senior classification and consent of the dean. Research and in-depth study of a particular economic concept or problem under the direction of a faculty member.

# **EDUCATION**

EDU 221: Human Growth: Life Span Development Theories and research concerning human growth and development from conception through senescence. Methods for working with children and youth are explored. Field work required.

EDU 294: Introduction to Teaching (RTWE) Realities of American public education and the nature of the teaching profession including role, function, benefits, and expectations of teaching. Extensive field work required.

EDU 305: Fundamentals and Administration of Elementary Education

Prerequisite: Admission to Teacher Education. A study of curriculum theory and design, methods of effective teaching, and organizational structure in elementary grades. Field work required

EDU 310: Introduction to Exceptional Education Prerequisite: Admission to Teacher Education. Survey of major areas of exceptionality. A study of principles and practices for mainstreaming exceptional children in regular classrooms. Field work required.

EDU 312: Teaching Reading in Early Elementary School Prerequisites: Admission to Teacher Education and EDU 325. A study of assessment, methods, and materials for reading instruction (K-4). Emphasis on the reading process. Field work required

EDU 313: Teaching Language Arts in Early Elementary School 3 Prerequisites: Admission to Teacher Education and EDU 325. Content, instructional methods, materials, and assessment for language arts instruction (K-4). Includes developmental processes and assessment techniques. Field work required.

EDU 314: Teaching Social Studies in Early Elementary School 3 Prerequisites: Admission to Teacher Education and EDU 325. Exploration of the content, instructional methods, and materials for social studies instruction (K-4). Emphasis on multicultural education. Field work required.

**EDU 324: Foundations of Education** Prerequisite: Admission to Teacher Education or consent of instructor. Historical, philosophical, sociological, and legislative factors influencing the development of American education.

EDU 325: Microcomputers and Media in the Classroom Prerequisite: Admission to Teacher Education. Knowledge and skill development in the use of microcomputers and media in the classroom. Focus on computer literacy, application, and equipment operation. Field work required.

EDU 402: Theories and Assessment of Learning Prerequisites: Admission to Teacher Education and CDF 204. Learning theories, classroom management techniques, effective teaching methods, and assessment of student achievement. Field work required.

EDU 409: Fundamentals and Administration of Secondary Education Prerequisite: Admission to Teacher Education. A study of curriculum theory and design, methods of effective teaching, and organizational

structure in high schools. Field work required. EDU 410, 411, 412, 413, 414: Methods of Teaching High School Subjects (RTWE)

Prerequisites: Admission to Teacher Education and EDU 325. Content, instructional methods, materials, and assessment for each subject area. Field work required. (Scheduled according to demand)

EDU 410: Methods of Teaching English EDU 411: Methods of Teaching Mathematics EDU 412: Methods of Teaching Physical Education

EDU 413: Methods of Teaching Science

EDU 414: Methods of Teaching Social Studies EDU 423: Teaching Mathematics and Science

in Early Elementary School Prerequisites: Admission to Teacher Education and EDU 325. A study of content, instructional methods, materials, and assessment for teaching mathematics and science (K-4). Field work required.

EDU 425: Multicultural Perspectives in Teaching Language and Literature

Prerequisites: ENG 101, ENG 102, and ENG 211. Designed to provide students with a theoretical and practical basis for teaching and reading multicultural literature in the secondary school. Focus on the principles of applied socio-linguistics in literary texts from non-European cultures.

EDU 445: Reading Instruction in the Secondary School Prerequisites: Admission to Teacher Education and EDU 325. A study of assessment, materials and methods for reading instruction in secondary schools with emphasis on improving reading in content areas.

EDU 470: Senior Seminar: Theories of Classroom Management and Control

This seminar is designed to introduce current research-based strategies for managing today's classrooms. Students will be introduced to theories and strategies through videos, speakers, and readings.

EDU 474, 494: Supervised Teaching

Prerequisite: Admission to Supervised Teaching. Observation and practice of planning, management, teaching, and assessment of learning under the guidance of a classroom teacher. A comprehensive review of curriculum theory and design, methods of effective teaching, organizational structure of schools, a review of communication skills, general and professional knowledge, and test-taking skills expected of beginning teachers.

EDU 474: Supervised Teaching in Early **Elementary Education** 12 EDU 494: Supervised Teaching in Secondary Schools (RTWE)

#### **ENGLISH**

ENG 088: Reading

Required for students scoring 15 and below on the Enhanced ACT Reading Composite. Three hours of classroom instruction plus individualized instruction to increase the student's general reading comprehension. (Does not count toward any degree requirements)

ENG 089: Paragraph Composition Placement by Enhanced ACT English Composite of 15 and below. This course emphasizes the development of unified, coherent, and accurately edited paragraphs. (Does not count toward any degree requirements)

ENG 095: Fundamentals of English for Foreign Students Familiarizes foreign students with fundamentals of written and spoken English, focusing on English used in academic and social settings. (Does not count toward any degree requirements)

ENG 096: Fundamentals of Informative Writing for Foreign Students

Familiarizes foreign students with American academic and institutional writing formats, including summaries, paraphrases, definitions, abstracts, reviews, critiques, memorandums, and letters. (Does not count toward any degree requirements)

**ENG 099: Essay Composition** 

materials.

Prerequisite: ENG 089 or initial placement with an Enhanced English ACT Composite of 16-18. Designated to eliminate P.C.C. deficiency in English. Emphasizes developing multi-paragraph essays. (Does not count toward any degree requirements)

ENG 101: English Composition and Rhetoric I Prerequisite: A passing grade on the English Placement Test or in ENG 099. Emphasis is on command of the fundamentals of language required for effective writing.

ENG 102: English Composition and Rhetoric II Prerequisite: ENG 101. Continuation of English 101 with the same attention to fundamentals. Several weeks are devoted to the preparation of a research paper.

ENG 103: College Reading Prerequisite: ENG 088 or initial placement with an Enhanced ACT Reading Composite of 16-18. Follows ENG 088 Reading. Designed to develop critical reading skills needed to comprehend University

ENG 203: Creative Writing Prerequisite: ENG 102. Short stories, poetry, formal essays, and student writings will be read and criticized informally by members of the

ENG 204: Journalism Prerequisite: ENG 102 or consent of instructor. Practical work in gathering, organizing, and writing news. Objectives will include producing

well-written news, features, and editorials for publication.

**ENG 211: Introduction to Literature** Prerequisite: ENG 102. An introduction to the understanding and enjoyment of the major literary genres: fiction, drama, poetry, and essays.

ENG 213: Advanced Composition Prerequisite: ENG 102. An intensive course in composition for students of any major. Students will write in various rhetorical modes, emphasiz-

ing advanced grammar, sentence structure, and paragraph development. ENG 216: Technical Writing

Prerequisite: ENG 102 or consent of instructor. Training and practice in written communications (reports, business letters, memorandums, etc.) required in business, industry, and government.

ENG 260: Children's Literature Prerequisite: ENG 211. A study of literature that is especially suitable for use in the elementary grades with emphasis upon techniques of presenting this literature to young children.

ENG 265: Kentucky Literature Prerequisite: ENG 211 or consent of instructor. A survey of the literature, primarily fiction, produced by Kentucky writers.

**ENG 301: Romanticism** Prerequisite: ENG 211. The principles and ideas of Romanticism as

expressed by the chief English writers of poetry and prose from 1793

ENG 302: Images of Women in Literature Prerequisite: ENG 211 or consent of instructor. Literature written by women from the 14th century to the present, with emphasis on women's relationship to culture and society.

ENG 303: Victorian Literature Prerequisite: ENG 211. Works of the principal authors of the Victorian era in relation to the political, intellectual, and social background of the period.

KSII CATALOGUE, 1994-96 210 ENG 312: World Literature Prerequisite: ENG 211. A holistic approach to the study of literature in world cultures. Both Western and non-Western literary selections are emphasized. ENG 322: Survey of British Literature I Prerequisite: ENG 211. Major works by British authors from the Old English period to the Age of Johnson. ENG 323: Survey of British Literature II Prerequisite: ENG 211. Continuation of the survey of major British works and their critical, intellectual, and historical contexts from the Age of Johnson to the modern era. ENG 324: Survey of American Literature I Prerequisite: ENG 211. A chronological study of major pre-modern American writers, with emphasis on political, social, and literary movements ENG 325: Survey of American Literature II Prerequisite: ENG 211. A study of modern American writers, with emphasis on political, social, and literary movements. ENG 337: The American Novel Prerequisite: ENG 211. The study of American novelists from the earliest ones to those of the contemporary period. ENG 341: The English Novel Prerequisite: ENG 211. The study of a few representative novels by English writers from the time of Defoe to the contemporary period. ENG 352: Contemporary Literature Prerequisite: ENG 211. A study of the prose and poetry of contemporary writers since World War II. ENG 375: Critical Methodology

Prerequisite: ENG 211 or consent of instructor. An introductory practicum in approaches to and techniques of literary scholarship. Focus will be on various media and research methodologies.

ENG 377: Twentieth Century American and British Drama

3 Prerequisite: ENG 211 or consent of instructor. An introduction to the

critical methodology of literary scholarship as applied to the major movements, authors, and works in 20th Century American and British drama.

ENG 390: Adolescent Literature 3

Prerequisite: ENG 211. Designed to help students identify appropriate

reading material for adolescents by interest and grade level. Students will also learn bibliographical skills.

ENG 399: Special Topics in English

Special topics in English literature which meet the needs of our diverse

student body to experience a broad range of literature in pursuing their educational, personal, and professional interests.

ENG 409: Literature of African-Americans (RTWE) 3

Prerequisite: ENG 211. A consideration of some of the principal essays,

poems, plays, short stories, and novels written by African-Americans from Phillis Wheatley to the present.

FNG 410: Linguistics and History of the English Language 3

ENG 410: Linguistics and History of the English Language (RTWE)

Prerequisites: ENG 211 and ENG 213. Introduction to the science of linguistics and the historical development of English grammar, phonology, morphology, and syntax as used in America.

ENG 411: Shakespeare (RTWE)

Prerequisite: ENG 211. Analytical study of Shakespeare's principal plays, with some emphasis upon the Elizabethan background.

ENG 413: Literary Criticism (RTWE) 3
Prerequisite: ENG 211. Critical positions and techniques of selected major critics; experience in application of principles and techniques of criticism to texts representing major literary genres.

ENG 433: Reading and Writing Clinic Practicum (RTWE) 3
Prerequisite: ENG 211. Required of all students obtaining certification in English Education. A clinical course designed to help students identify and correct problems in reading and writing.

ENG 499: English Capstone

Recapitualates major genres, periods, authors, and literature in English in preparation for the Senior English Examination. Requires satisfactory completion of a major writing project and Senior Examination.

FOODS AND NUTRITION

FNU 101: Introduction to Foods

A study of preparation and preservation of food products, with an emphasis on food science. Lab experiences incorporate principles of cookery and their application. (Two hours lecture and two hours laboratory per week)

FNU 104: Basic Nutrition

Prerequisite: BIO 107. Principles of nutrition related to health; emphasis on understanding functions of nutrients and nutritional needs of people in health and disease conditions.

FNU 203: Nutrition and Health for the Growing Years 2
A study of nutrition education, formulation of eating habits, nutrition and health related problems, and concerns as related to growth cycles.

FRENCH

FRE 101: Elementary French I

An introductory course designed to teach French pronunciation, sentence structure, and basic vocabulary for understanding, speaking, writing, and reading French. (Laboratory work)

FRE 102: Elementary French II

Prerequisite: FRE 101. Continuation of FRE 101, with emphasis on listening, speaking, and reading. (Laboratory work)

FRE 201: Intermediate French I

Prerequisite: FRE 102. Review of grammar with emphasis on communicative skills and cultural literacy. (Laboratory work)

FRE 202: Intermediate French II

Prerequisite: FRE 201. Continuation of FRE 201 increasing stress on communicative skills and cultural literacy. (Laboratory work)

FRE 301: Survey of French Literature I

Prerequisite: FRE 202. A survey of French literary creation from the earliest documents to 1700 with special emphasis on the classic drama of Corneille, Racine, and Moliere.

FRE 302: Survey of French Literature II

Prerequisite: FRE 202. Continuation of FRE 301. French literature in the 18th, 19th, and 20th centuries with special emphasis on Montesquieu, Rousseau, Voltaire, Balzac, Hugo, Vigny, Flaubert, and some 20th century writers.

FRE 311: Advanced French Composition

Prerequisite: FRE 202. Writing on topics of contemporary life, with analysis of style, sentence construction, and study of idiomatic expressions and special problems of French grammar.

FRE 312: Advanced French Conversation

Prerequisite: FRE 202. Intensive practice in the oral use of French through conversations on topics of interest.

FRE 322: French Civilization

Prerequisite: FRE 202. The study of modern French civilization since 1700 with emphasis on the life, culture, ideas, and institutions of the 20th century.

FRE 375: French for International Studies I

Prerequisite: FRE 202 or equivalent or proficiency test. Intensive development of communicative skills through the study of articles and audio-visual materials on current world affairs.

FRE 376: French for International Studies II 3
Prerequisite: FRE 375 or equivalent. Continuation of intensive development of communicative skills through the study of articles and audiovisual materials on current world affairs.

FRE 413: Black Literature in French
Prerequisite: FRE 202. A survey of the main literary movements in
French literature of some African and Caribbean countries, and a study
of selections in the works of prominent representatives.

GEOGRAPHY

GEO 102: Principles of Geography 3
Study of the basic principles underlying the science of geography and

the human use of resources; the earth's form and movement, climate, topography, oceans etc.

GEO 211: Geography of North America

3

A study of North America and Hawaii. Emphases are placed upon the natural resources and economic activities of inhabitants.

GEO 212: Geography of Africa
Survey of the African continent, its historical and physical backgrounds, climates, soils, vegetation, people, cultures, and current developments.

GERMAN

GER 101: Elementary German I 3
An introductory course in the fundamentals of German grammar and pronunciation with increasing emphasis on conversation. (Laboratory

work)

GER 102: Elementary German II

Prerequisite: GER 101. Continuation of GER 101. Study of more ad-

vanced aspects of grammar and conversation. (Laboratory work)

GER 201: Intermediate German I

Prerequisite: GER 102. More extensive study of grammar, literary

readings, conversation, and composition. (Laboratory work)

GER 202: Intermediate German II

3

Prerequisite: GER 201. Continuation of GER 201. Review of grammar, including more extensive readings, interpretation, and discussion in German, with increasing practice in composition and translation. (Laboratory work)

GERONTOLOGY

GNT 101: Introduction to Gerontology

Exploration of a variety of topics related to aging, such as retirement, living arrangements, social relationships, rejection by families, death, government programs and community resources.

GNT 102: Problems in Aging

An analysis of the nature, extent, and causes of problems in aging.

Emphasis is on economic, political, and personality factors that affect the living patterns of the aged.

GNT 201: Applied Social Gerontology

Designed for individuals who plan to work with the elderly in planning, development, and implementation of programs and policies.

GNT 301: Aging Issues, Policies, and Programs

Prerequisite: GNT 101 or GNT 102. Examines aging as a social condition. Focus on aging concepts, policies and service providing organizations. Programs are analyzed in terms of social needs, problems, and goals.

GNT 400: Death and Dying

An examination of the anxieties, fears, and hopes of the dying; and the social, psychological, and economic implications of death.

GNT 401: Aging and Health

Discussion centers upon comparisons of healthy aging patterns versus mental illness in old age. Designed to dispel some of the traditional diagnostic and treatment myths.

GNT 402: The Black Aged
An analysis of attitudes, values, and trends related to aging in the Black

HOME ECONOMICS

rangements are covered.

HEC 304: Home Furnishings and Design

Planning and decorating the house consistent with one's taste and economical means. Trends in home furnishings, designs, and ar-

HEC 308: Family Consumer Problems

An analysis of problems, policies, and issues relevant to today's

consumer.

HEC 450: Seminar in Home Economics Education 1

Trends and interpretation of the role and function of the semi-professional in home economics.

**HEALTH EDUCATION** 

HED 107: First Aid and Safety
Designed to prepare students to provide immediate and temporary

care in emergency situations, including accidents or sudden illnesses. Open to all students.

HED 221: Personal Health and Lifetime Fitness 2
An introduction to the beneficial effects of a positive health life-style and methods to implement and live such a life-style.

HED 223: Principles of Health Education 3
Prerequisite: HED 221. A study of the foundations and principles of health, including physical, mental, social, emotional, and environmen-

tal aspects of health. **HED 305: Safety Education**3 Focus on the rules and functions of health education in developing

Focus on the rules and functions of health education in developing and maintaining a safe and healthful environment.

HED 320: Health Education in Schools

Prerequisites: EDU 221 and HED 223. A study of the fundamentals of the school health program, and instructional techniques for the elementary and secondary programs.

elementary and secondary programs. **HED 321: Community Health**Prerequisites: HED 223 and PSY 200. An analysis of current health

Prerequisites: HED 223 and PSY 200. An analysis of current health problems from both school and community viewpoints.

HED 326: Survey of Diseases

HED 326: Survey of Diseases

Prerequisite: HED 221. Current concepts of disease etiology and control as applied to the most prevalent communicable and chronic diseases that affect mankind.

# HED/PUA/SOW 371: Introduction to Public Health

Prerequisite: HED 221 or consent of instructor. A survey course that develops an understanding and appreciation for factors affecting health status and its contribution to individual and community health.

# HISTORY

# HIS 101: World Civilization I

The study of literature, art, music, architecture, other fine arts, religion, and customs of various peoples and nations throughout history.

# HIS 102: World Civilization II

The study of literature, art, music, architecture, other fine arts, religion, and customs of various peoples and nations throughout history.

# HIS 103: Western Civilization

A survey of social and intellectual development in the Western World from pre-history to the Reformation.

# HIS 201: United States History to 1865

The political, economic, and social development of the United States from the Colonial period to 1865.

# HIS 202: United States History since 1865

The political, economic, and social development of the United States from 1865 to the present.

# HIS 300: Problem Seminar

Prerequisites: HIS 102, HIS 201, and HIS 202. Problems encountered by professional historians in the utilization of primary historical sources.

# HIS 314: African-Americans in the United States

Prerequisite(s): HIS 201 and HIS 202, or consent of instructor. The history of African-Americans in the United States, their role in the development of this country, and their struggle for rights, privileges, and protections of citizenship.

# HIS 321: Constitutional History of the United States

Prerequisites: HIS 201 and HIS 202. An historical survey of the making of the Constitution and its interpretation through decisions of the United States Supreme Court.

# HIS 331: Early Modern Europe

A survey of the political, intellectual, economic, and social development of Europe during 1450-1815.

# HIS 332: Nineteenth Century Europe

Prerequisites: HIS 101 and HIS 102. Europe from the downfall of Napoleon (1815) to the outbreak of World War I (1914).

# HIS 341: British History I

Prerequisites: HIS 101 and HIS 102. A survey of English history from pre-Roman times to the close of the Glorious Revolution (1689), with emphasis upon constitutional and legal developments.

# HIS 342: British History II

Prerequisites: HIS 101 and HIS 102. The growth of British democracy and the role of Britain in the rise and expansion of world imperialism during the eighteenth, nineteenth, and twentieth centuries.

# HIS 350: Kentucky History

Prerequisites: HIS 201 and HIS 202. A social, economic, and political history of Kentucky. In addition, the course will examine Kentucky's contributions to national politics.

# HIS 362: Hispanic American History

Prerequisites: HIS 101, HIS 102, HIS 201, and HIS 202. A survey of selected Central and South American countries in their modern eras, and trends that are representative of the problems that beset the region.

# HIS 372: Medieval Culture

Prerequisites: HIS 101 and HIS 102. A survey of European history from 500 to 1500, with strong emphasis on cultural achievements of the

# HIS 375: African History to 1870

Prerequisites: HIS 101 and HIS 102. A survey tracing the earliest beginnings of man in Africa and the development of sub- and trans-Saharan

# HIS 376: African History from 1870

Prerequisites: HIS 101 and HIS 102. The creation and development of European colonial empires in Africa and the subsequent rise of independent African states.

# HIS 411: African-Americans in the Twentieth Century

Prerequisites: HIS 201 and HIS 202. A thorough study of the contributions of African-Americans to American culture and their struggle for full citizenship in the United States.

# HIS 421: Southern History

Prerequisites: HIS 201 and HIS 202. The economic, social, political, and cultural life of the southern states from colonial times to the

# HIS 422: Recent United States History

Prerequisites: HIS 201 and HIS 202. A study of problems associated with the Great Depression, the New Deal, war and significant social change, major political developments, and achievements in space.

# HIS 424: Diplomatic History of the United States

Prerequisites: HIS 201 and HIS 202. A survey of America's diplomatic relations with the major world powers since the founding of the Republic.

# HIS 433: Twentieth Century Europe

Prerequisites: HIS 101 and HIS 102. The history of Europe from 1914 to the present. Particular attention is given to the impact of World War I upon European society.

# HIS 461: The History of East Asia

Prerequisites: HIS 101 and HIS 102. A cultural and political survey of the history of China and Japan, with emphasis on their changing relationships with the rest of the world.

# INTEGRATIVE STUDIES

# IGS 200: The Foundations of Cultures (RTWE)

Prerequisite: ENG 101. An interdisciplinary study of the foundations of cultures, beginning with creation accounts from Africa, South America, Mesopotamia, India, Egypt, Greece, and China, and extending through the Classical period.

# IGS 201: The Convergence of Cultures (RTWE)

Prerequisite: IGS 200 or consent of director. An interdisciplinary study of the forces that shaped the development of cultures from the rise of Christianity and Islam to the Scientific Revolution.

# IGS 300: The Search for New Forms of Culture (RTWE)

Prerequisite: IGS 201 or consent of director. An interdisciplinary study of revolutionary ideas in political theory, philosophy, science, and the arts that have shaped the modern world.

# IGS 301: Studies in African Cultures

Prerequisite: IGS 200 or consent of director. A multicultural study of the major forces that shaped various African cultures in their social, artistic, historical, political, philosophical, and religious expressions.

#### IGS 302: Studies in Oriental Cultures

Prerequisite: IGS 200 or consent of director. A multicultural study of the major forces that shaped various Oriental cultures in their social, artistic, historical, political, philosophical, and religious expressions.

#### IGS 303: Studies in Latin American Cultures

Prerequisite: IGS 200 or consent of director. A multicultural study of the major forces that shaped various Latin American cultures in their social, artistic, historical, political, philosophical, and religious expressions.

## IGS 304: The African-American Experience

Prerequisite: IGS 200 or consent of director. A study of the evolution of the African-American experience from the period of slavery to the present, especially as reflected in the writings of African-American intellectuals.

#### IGS 499: Senior Seminar

Prerequisite: IGS 200, or IGS 201, or IGS 300 or equivalent, or consent of director. A senior-level seminar devoted to the exploration of an interdisciplinary theme. Topics will vary according to the instructor.

## INDUSTRIAL TECHNOLOGY

#### INT 101: Engineering Drafting I

Fundamentals in use and care of instruments, lettering, line construction, rules of dimensioning, orthographic projection, auxiliary view, and sectional and pictorial drawing. (Lecture one hour, laboratory four hours)

#### INT 102: Engineering Drafting II

Prerequisite: INT 101 or consent of instructor. Intermediate concepts of working drawings. Includes advanced sections, auxiliaries, threads and fasteners, tolerancing, and geometric dimensioning. Specialized equipment used in duplication methods and blueprint reading. (Lecture one hour, laboratory four hours)

#### **INT 104: Descriptive Geometry**

Specific problems involving points, lines, planes, curved surfaces, intersections, and development problems. Emphasis directed toward auxiliary views, points and lines, revolutions, and development of surfaces. (Lecture two hours, laboratory two hours)

#### INT 124: Basic Electricity (AC and DC)

Principles and measurement of direct current, voltage, resistance; alternating current, capacitance, inductance, impedance; and mathematical analysis of basic electricity covering Kirchoff, Thevenin, and Norton theorems. (Lecture two hours, laboratory two hours)

# INT 125: Residential Wiring

A study of the National Electrical Code relative to residential wiring local codes. Experience is gained through wiring circuits found in the modern house. (Lecture two hours, laboratory two hours)

## INT 126: Motors and Controls

Study of basic controls used today for AC motors. Ladder diagrams and practical circuits are drawn and wired. (Lecture two hours, laboratory two hours)

#### INT 128: Solid State Devices

Study characteristics and application of solid-state devices, diodes, transistors, rectifier circuits, voltage regulation, and wave-form interpretations. Single and multistate small signal amplifiers are tested. (Lecture two hours, laboratory two hours)

#### INT 141: Introduction to Metal Processes

Basic study of materials and processes involved in metal manufacturing. Includes study of metal characteristics, design, and fabrication. Open to all students. (Lecture two hours, laboratory two hours)

#### **INT 142: Machine Tool Processing**

Basic study in machine shop practice, including use of precision instruments. Course provides basic experiences on lathe, shaper, drill press, grinder, and milling machine. (Lecture two hours, laboratory two hours)

#### INT 201: Architectural Drafting

Examines architectural problems involved in the development of structural plans: foundation, floor, elevations, sectional and detailed views, plot, estimating and specifications, and developments in architecture. (Lecture one hour, laboratory four hours)

#### **INT 202: Technical Illustration**

Explores ways of converting orthographic projections into perspective and pictorial expressions. Emphasizes oblique, isometric, dimetric, trimetric, exploded view, and rendering of projections for publications. (Lecture two hours, laboratory two hours)

#### INT 203: Civil Drafting

Study of special drafting processes including map drawing. Emphasis in planning earth and concrete retaining structures, projecting locations, profile line and grade, and surveying instruments. (Lecture one hour, laboratory four hours)

#### INT 208: Computer-Aided Drafting I

Prerequisite: INT 101 or consent of instructor. Familiarization with contemporary CAD systems, covering basic theory and applications, including industry's conversion to CAD. Prior computer experience is beneficial but not required. (Lecture one hour, laboratory four hours)

# INT 210 Computer-Aided Drafting II

Prerequisite: INT 208 or consent of instructor. Advanced training in CAD systems, covering the use of attributes, databases, Data Exchange Files, and the customizing of menus for increased efficiency of application. (Lecture one hour, laboratory four hours)

## INT 211: Fundamentals of Tool Design

Prerequisite(s): INT 102 and INT 208, or consent of instructor. Study of the basic principles and methods for designing efficient tools for material removal, pressworking, joining, and inspecting manufacturing parts including NC and CAD. (Lecture one hour, laboratory four

#### INT 213: Manufacturing

Study of manufacturing organizations, production and scheduling techniques, and product design concepts to improve productivity. Class will design and produce a product on computer-integrated conveyor line. (Lecture two hours, laboratory two hours)

## INT 215: Modeling and Animation

3-D modeling and animation designed to bring new power, versatility, speed, and value to the graphics professional who needs to create professional images and animations. (Lecture two hours, laboratory

# INT 225: Regulators, Oscillators, and Linear Devices

Study, through theory and application, of regulators, oscillators, thyristors, DA's, Op Amps, and linear devices. (Lecture two hours, laboratory two hours)

# INT 227: Electronics Logic/Microprocessors

Involves numbers, logic and circuits using integrated circuit "chips". Includes implementation of logic functions in modern electronic devices, and integrated circuit chips in the small computer, using basic machine language. (Lecture two hours, laboratory two hours)

# INT 228: Pulse Circuits and Servos

Study through theory and application of pulse signals, clippers, clampers, differentiating and integrating pulse generations, timing circuits, and feedback circuits. (Lecture two hours, laboratory two hours) INT 229: Programmable Logic Controllers

Study of the use and application of PLC's in industry, their operation, logic concepts, hardware components, the input/output system, programming, editing, and documentation. (Lecture 2 hours, laboratory 2 hours)

INT 243: Motion and Time Study

Study of principles involved in methods design and work measurement. Stop watch and predetermined time standards as applied to industrial operations and methods redesign utilizing human engineering principles. (Lecture two hours, laboratory two hours)

INT 246: Numerical Control Fundamentals

Prerequisite(s): INT 142 and COS 100, or consent of instructor. Principles and techniques of controlling machine tools by means of numerical codes. Included is a study of E.I.A. and standards for numerical control. (Lecture two hours, laboratory two hours)

INT 248: Robotics I

Survey of automated manufacturing with emphasis on involvement of robots, including history, development, and socio-economic implications. Introduction to robot operations and applications. (Lecture two hours, laboratory two hours)

INT 249: Quality Control

Methods of controlling the quality of manufactured goods. Emphasizes techniques in the use of measurement devices and variables that affect the quality of the product. (Lecture two hours, laboratory two hours)

INT 250: Robotics II

Prerequisite: INT 248. Introduction to the operation of robot controllers, work cell programming techniques using high-level language, and basic system operation with programmed and direct execution. (Lecture two hours, laboratory two hours)

INT 253: Hydraulics/Pneumatics

Study of basic fluid power with emphasis on principles of oil hydraulics and pneumatics power as applied to modern industrial equipment. (Lecture two hours, laboratory two hours)

INT 263: Plant Layout

Prerequisite: INT 142 or consent of instructor. Planning effective arrangement of physical facilities for manufacturing. Problems dealing with equipment location, space utilization, layout for operations and control, work flow, material handling. (Lecture two hours, laboratory two hours)

**JAPANESE** 

IPN 171: Conversational Japanese I

An introductory course with emphasis on the everyday spoken language, and some writing.

IPN 172: Conversational Japanese II

Prerequisite: JPN 171 or consent of instructor. Continuation of JPN 171 with emphasis on pronunciation, grammar, vocabulary, listening, oral expression, and some writing.

**MATHEMATICS** 

MAT 099: Fundamentals of Mathematics

Required of all freshmen whose placement data do not warrant enrollment in MAT 110 or above. Whole numbers, signed numbers, rational numbers, decimals, percentages, linear equations, squares and square roots, formulas, geometric formulas, ratios and proportions, unit conversions, and applications. (Does not count toward any degree requirements)

MAT 103: Foundations of Mathematics I

Prerequisite: Two units of high school mathematics or consent of instructor. Includes sets, whole number systems, numeration systems, bases, non-negative rational numbers, introduction to negative rational numbers. Special attention to the needs of elementary school teachers.

MAT 104: Foundations of Mathematics II

Prerequisite: MAT 103. Continuation of MAT 103. Elementary number theory, modular arithmetic, real systems, and topics from geometry.

MAT 110: Intermediate Algebra

Prerequisite: MAT 099 or appropriate scores on placement test. Sets, real numbers, graphs of equations, solutions of simultaneous equations, exponential notation, scientific notation, polynomials, rational expressions, quadratic equations, inequalities, absolute values, and radical expressions.

MAT 115: College Algebra

Prerequisite: MAT 099 or appropriate scores on placement test. This course develops the algebraic skills necessary for further studies in mathematics. Topics include rational expressions, radicals, and systems of linear and quadratic equations.

MAT 120: Precalculus

Prerequisite: MAT 115 or advanced standing on the mathematics placement test. Set theory, functions, polynomial and rational functions, circular and trigonometric functions, exponential and logarithmic functions, and complex numbers.

MAT 125: Linear Algebra and Differential Calculus with Business Applications

Prerequisite: MAT 110 or MAT 115. This course covers functions of matrices, Gauss-Jordan reductions, systems of linear equations, derivatives, marginal cost, revenue and profit, and applied optimization problems.

MAT 201: Calculus and Analytic Geometry I

Prerequisite: MAT 120 or advanced standing on mathematics placement test. Review of functions; limits of functions; derivatives and definite integrals of algebraic, exponential, and logarithmic functions; applications of the derivative and integral; and conic sections.

MAT 202: Calculus and Analytic Geometry II

Prerequisite: MAT 201. Differentiation and integration of trigonometric and hyperbolic functions, techniques of integration, indeterminate forms, improper integrals, Taylor's formula, infinite sequences, and series

MAT 210: Perspective on Mathematics

Prerequisite: MAT 201. Survey of history, cultural ramifications, methods, connections among various branches, and opportunities of mathematics. Required of all mathematics and applied mathematics majors.

MAT 301: Multivariate Calculus

Prerequisite: MAT 202. Calculus of vector-valued functions, partial differentiation, multiple integrals, curl, surface integrals and Stokes' theorem. Plane curves, polar coordinates, vectors, and three-dimensional analytic geometry.

MAT 303: Differential Equations

Prerequisite: MAT 202. The study of first-order equations, linear equations, the Laplace transform, Picard's existence theorems, and systems of equations.

MAT 307: Linear Algebra

Prerequisite: MAT 210. Coordinates, vectors, vector spaces, subspaces, Euclidean n-space, determinants, linear transformations, linear transformations and matrices, bilinear and quadratic forms are studied.

MAT 312: Mathematical Programming

Prerequisites: MAT 125 or MAT 307. This course is an introduction to modern operations research. Modeling, theory, and applications of linear programming, integer programming, scheduling, inventory, and network problems are studied.

MAT 315: Numerical Analysis

Prerequisite: MAT 301. Techniques of numerical approximation in analysis and algebra.

MAT 321: Probability and Statistics

Prerequisite: MAT 202. Probability, random variables, sampling theory, hypothesis testing, correlation, and regression are studied.

MAT 326: Modern Geometry

Prerequisite: MAT 210. This course includes study of axiom systems, and Euclidean and projective geometries.

MAT 401: Modern Algebra I

Prerequisite: Mat 210. Operations, permutations, groups, isomorphisms, factor groups, Sylow's theorems, and applications are discussed.

MAT 402: Modern Algebra II

Prerequisite: MAT 401. Continuation of MAT 401. Rings, integral domains, quotient rings and ideals, extension fields, and vector spaces are studied.

MAT 403: Real Analysis I

Prerequisites: MAT 210 and MAT 301. Real numbers and Euclidean n-space, continuous functions, differentiable functions of one and several variables, and the Riemann integral are studied.

MAT 404: Real Analysis II

Prerequisite: MAT 403. Classical Lebesque integral, power series, curves, surfaces, integral theorem, divergence, and theorems of Green and Stokes are discussed. Some applications are examined.

MAT 411: Topology

Prerequisite: MAT 210. Topological spaces, metric spaces, separation axioms, connectedness, compactness, continuity, product and quotient spaces.

MAT 415: Elementary Dynamical Systems

Prerequisite: MAT 303. Time evolution of various physical and/or biological systems and asymptotic behavior of orbits in space are studied with various mathematical techniques.

MAT 460: Mathematics Seminar

Prerequisite: Consent of instructor. Selected topics for individuals or small groups of students. Topics selected from the high school curriculum are included for teacher education students.

MANAGEMENT

MGT 300: Management Information Systems

Prerequisite: BUA 200. This course addresses the design, development and use of collections of data to make personal, professional, or management decisions.

MGT 303: Business Database Systems

An introduction to the business use of various data models. Topics include the theory and design of data management in the context of business information needs.

MGT 323: Principles of Management

Prerequisite(s): ECO 212 and/or consent of instructor. Fundamental principles underlying the management of business enterprises, based on planning, organizing, supervising, and controlling various functional activities.

MGT 431: Managerial Quality

Prerequisite: MGT 323. A study of the management of product and service quality. Topics include quality philosophy and leadership, approaches to total quality management, the economics of quality, the human aspects of quality, and statistical process control.

MGT 433: Personnel Administration

Prerequisite: MGT 323. An examination of supervision of employees and the development of policies relating to effective utilization of human resources in business concerns.

MGT 452: Transportation and Business Logistics

Prerequisite: MGT 323. A study of the economics and principles of transportation service, location of industry, communications and order processing designs, and operations of a logistics system.

MGT 455: Production Management

Prerequisites: ECO 312, ECO 321, and MGT 323. A study of management decision making in production and operations, using quantitative techniques to address demand forecasting, resource allocation, scheduling, and inventory control.

MGT 460: Human Behavior in Organizations

Prerequisite: MGT 323. An analysis of the behavior of persons in organizational settings, including personality, values, motivation, leadership, authority in groups, and informal groups.

MGT 465: Principles of Small Business Management
Prerequisite: MGT 323 or consent of instructor. A study of a

Prerequisite: MGT 323 or consent of instructor. A study of small-business management, entrepreneurship and problems of organizing and operating a small business.

MGT 470: International Business Management

Prerequisite: ECO 329 or consent of instructor. A study of organizations engaged in international trade. Marketing information, relations with foreign governments, obtaining international orders, and international physical distribution management are discussed.

MGT 490: Strategic Management

Prerequisite: Senior business administration major or consent of instructor. Capstone course. Explores the general management tasks of strategy formulation and implementation.

MGT 498: Seminar on Business Careers

Prerequisite(s): ACC 261 and 262; ECO 211 and 212; MGT 323; MKT 351 or BUA 330; or consent of instructor. Course designed for graduating seniors to be better prepared for the real world and refreshed on key business information, concepts, policies, issues, and practices.

MGT 499: Independent Study in Management

Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular management concept or problem under the direction of a faculty member.

MARKETING

MKT 351: Principles of Marketing

Prerequisite(s): ECO 212 or ECO 211 and consent of instructor. Study of the movement of goods from producers to consumers and examination of the marketing process, marketing institutions, channels of distribution, and policy considerations.

## MKT 410: Marketing Communications Prerequisites: MGT 323 and MKT 351. A study of marketing communications concepts including identification of communications goals, analysis of advertising, personal selling, and sales promotions. MKT 420: Marketing Management Prerequisites: MGT 323 and MKT 351. A study of the viewpoints of the marketing executive whose responsibility is coordination of the objectives and resources of the firm. MKT 430: Marketing Research Prerequisites: ECO 312, MGT 323, and MKT 351. A study of the scope and applications of marketing research, research design, sampling methods and problems, data collection, and research report writing. MKT 440: Consumer Behavior Prerequisite: MKT 351. A study of the factors determining consumers' behavior patterns, especially as affected by economics, psychology, social psychology, and cultural anthropology. MKT 453: Principles of Retailing Prerequisite: MKT 351. A study of the fundamentals of buying, sales promotions, pricing control, and store finance of various retail enterprises. MKT 455: Sales Management Prerequisites: MGT 323 and MKT 351. An examination of the requirements for a sound sales management function, including selection, training, and evaluation. MKT 499. Independent Study in Marketing Prerequisite: Senior classification and consent of the dean. Research and in-depth study of a particular marketing concept or problem under the direction of a faculty member. MILITARY SCIENCE The following courses are available to Kentucky State University students at the University of Kentucky (Lexington, Kentucky). For more information, contact the Office of Community Programs at Kentucky State University. Military Science I: Three hours per week per semester Military Science II: Three hours per week per semester Military Science III: Three hours per week per semester Military Science IV: Three hours per week per semester Rasic Camp: Three hours credit per six week camp Advance Camp: Three hours per six week camp MUSIC EDUCATION MUE 325: Microcomputers and Media in the Music Classroom 3 Development of knowledge and skill in the use of microcomputers,

dedicated MIDI hardware, and media in the music classroom. Focus

on computer literacy, application, and equipment operation. Field work

Prerequisite: Music education major, or consent of instructor, or MUS

211. A study of school organization and administration, methods,

materials, and philosophies of teaching music in grades K-5. (Lab

MUE 331: Fundamentals and Methods for the Elementary

School Music Teacher

required.

required)

IUE 332: Fundamentals and Methods for the Secondary 2	MUSIC
School Music Teacher rerequisite: Music education major, or consent of instructor, or MUE 31. A study of school organization and administration (grades 6-12), nethods, materials, and techniques of teaching music in the secon- ary school. (Lab required)	MUS 099: Fundamentals of Music Open to non-Music majors. An introducti music: clefs, scales, meters, and rhythms. In ear training, and music terminology. (Doe the Music Performance or Education deg
Teachers  Open to non-Music majors. A course designed to meet the needs of early elementary teachers (K-4), emphasizing singing, listening, creative activities, use of Orff instruments, and basic keyboard skills.	MUS 101: Music Theory to 1450 Prerequisite: Successful completion of the Examination or MUS 099. Introduction to of music of the Middle Ages. Includes keyboard, eartraining, sight-singing, and bar
MUE 341: String Pedagogy Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching string instruments on the elementary and secondary levels.	MUS 102: Music Theory 1450-1650 Prerequisite: MUS 101. Introduction to baing the Renaissance and Baroque periods chord tones, four-part harmonic writing,
MUE 342: Voice Pedagogy Prerequisite: MUS 262. A study of the fundamentals and techniques	techniques.
of teaching voice on the elementary and secondary levels.  MUE 343: Woodwind Pedagogy I  Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching woodwind instruments (flute, clarinet, and saxophone)	MUS 110: Class Piano I  Open to non-Music majors. A study of the fing to aid music students in preparing for of the Placement Examination in piano.
on the elementary and secondary levels.	MUS III: Class Piano II Prerequisite: MUS 110. A continuation of
MUE 344: Woodwind Pedagogy II  Prerequisite: MUE 343. A continuation of MUE 343. Includes study of the oboe, English horn, and bassoon.  MUE 345: Brass Pedagogy	MUS 120: Minor Applied I Prerequisite: Consent of instructor. One ha
Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching brass instruments on the elementary and secondary school levels.	on the same instrument once for credit.  MUS 130: Introduction to Music  Open to non-Music majors. An introduction
MUE 347: Percussion Pedagogy	music, its styles, and cultural history (inc non-western music, jazz, and popular m
of teaching percussion instruments on the elementary and levels.	MUS 161: Major Applied I/Laboratory Audition required. A study of materials prepare the student to meet the performance
Prerequisite: MUS 262. A study of the fundamentals and techniques of how bands work administratively and pedagogically.	ciple area of study. Minimum of one hour-le formance lab required)
MUE 349: Keyboard Pedagogy Prerequisite: MUS 262. A study of the fundamentals and techniques of teaching piano in groups and to individual students of all ages.	MUS 162: Major Applied II/Laboratory Prerequisite: MUS 161. A continuation of I required)
MUE 353: Choral Conducting Prerequisite: MUS 262. A study of basic conducting techniques through performance, analysis, and evaluation of choral literature.	MUS 201: Music Theory 1650-1820 Prerequisite: MUS 102. Culmination of Baro and contrapuntal techniques, with emphasi
MUE 354: Instrumental Conducting Prerequisite: MUS 262. A study of basic conducting techniques through performance, analysis, and evaluation of instrumental literature.	Haydn, and Mozart.  MUS 202: Music Theory 1820-1900  Prerequisite: MUS 201. Compositional tec Century from Beethoven through Brahms,
MUE 435: Vocal Methods and Literature Prerequisite: MUE 332. A study of the methods, materials, literature, and techniques of teaching choral/vocal music at the elementary and	panded chromatic harmony of the late N MUS 205: Music Composition I
secondary levels.	Prerequisite: MUS 102 or consent of instru struction in the basic elements of comp assignments in various styles and mediu
Prerequisite: MUE 332. A study of the methods, materials, literature,	MUS 206: Music Composition II

and techniques of teaching instrumental music at the elementary and

secondary levels.

tion to the fundamentals of Includes sight-singing, piano, oes not count toward any of gree requirements) ne Music Theory Placement o analysis and composition basic theoretical concepts, asic contrapuntal techniques. pasic concepts of music duris including cadences, nonanalysis, and contrapuntal fundamentals of piano playor the successful completion of MUS 110. half-hour private lesson each nce areas. May be repeated tion to the basic elements of ncluding western art music, nusic). and literature designed to nce requirements in the prin--long lesson each week. (Per-MUS 161. (Performance lab oque and Classical harmonic sis on the music of J.S. Bach, echniques of the Nineteenth s, with emphasis on the ex-Nineteenth Century. uctor. Individual or class inaposition. Includes written MUS 206: Music Composition II Prerequisite: MUS 205. A continuation of MUS 205. MUS 207: Jazz Arranging and Composition I Prerequisite: MUS 102. Individual and class instruction in composition and arranging in both traditional and contemporary music idioms for small and large ensembles. MUS 208: Jazz Arranging and Composition II Prerequisite: MUS 207. A continuation of MUS 207.

COURSE DESCRIPTIONS MUS 209: Jazz Improvisation Open to non-Music majors. Class instruction in the development of individual jazz improvisational technique. May be repeated three times MUS 210: Class Piano III Prerequisite: MUS 111. A continuation of MUS 111. MUS 211: Class Piano IV Prerequisite: MUS 210. A continuation of MUS 210. MUS 220: Minor Applied II Prerequisite: MUS 120. A continuation of MUS 120. May be repeated once on the same instrument for credit. MUS 251: Introduction to Electronic Music Prerequisite: Consent of instructor. Introduction to musical acoustics, recording/editing techniques, the use of acoustically recorded sounds in electronic music, and the application of the synthesizer in composition. MUS 261: Major Applied III/Laboratory Prerequisite: MUS 162. A continuation of MUS 162 at the sophomore level with literature and performance of increasing standards. (Performance lab required) MUS 262: Major Applied IV/Laboratory Prerequisite: MUS 261. A continuation of MUS 261. (Performance lab required) MUS 300: Counterpoint Prerequisite: MUS 202. A study of sixteenth and eighteenth century strict and free counterpoint, canon, invention, and fugue. Includes some twentieth century techniques. MUS 301: Form and Analysis Prerequisites: MUS 202 and successful completion of the Sophomore Theory Proficiency Examination. A study of basic musical forms and genres (phrases, sonata form, rondo form, fugal and variation procedures), with emphasis on the common practice period. MUS 303: Orchestration Prerequisite: MUS 202. A study of orchestration and arranging techniques for chamber ensemble, band, and orchestra. MUS 305: Advanced Composition I more major compositional projects are required. MUS 306: Advanced Composition II Prerequisite: MUS 305. A continuation of MUS 305. MUS 311: Opera/Musical Theatre Workshop

Prerequisite: MUS 206. A continuation of Music 206. Individual or class instruction based on the needs and interests of the students. One or

Open to auditioned vocal students. A performing group concentrating on the study and performance of operatic and musical theatre literature. May be repeated for credit.

MUS 320: Minor Applied III Prerequisite: MUS 220. A continuation of MUS 220. May be repeated once on the same instrument for credit.

MUS 321: Music History to 1685 Prerequisite: MUS 102. A survey of music and its development from Antiquity through the early Baroque period. Representative musical compositions are emphasized.

MUS 322: Music History 1685-1900 Prerequisite: MUS 102. A survey of music and its development from the Baroque era through the Romantic era. Representative musical compositions are emphasized.

MUS 323: African-American Music
Open to non-Music majors. A study of the development of African-American music, including spirituals, blues, jazz, symphonic literature, and miscellaneous songs.

MUS 324: Twentieth Century Music

MUS 324: Twentieth Century Music

Prerequisites: MUS 301 and MUS 322. A study of major composers, styles, techniques, and literature of twentieth-century music.

MUS 325: Jazz History and Literature

Open to non-Music majors. A survey of jazz, including its origins, major performers, and composers. All idioms and styles are studied using selected readings and recordings.

MUS 326: Music Literature to 1685

Prerequisite: MUS 202. A chronological survey of the stylistic characteristics of representative musical works from the Middle Ages to the early Baroque period.

MUS 327: Music Literature 1685-1900

Prerequisite: MUS 326. A continuation of MUS 326. A chronological survey of the stylistic characteristics of representative musical works from the early Baroque to the late Romantic period.

MUS 328: Piano Literature
Prerequisite: MUS 327. An analytical and historical study of piano literature through analysis of representative works from the 17th Century to the present.

MUS 329: Vocal Literature
Prerequisite: MUS 327. A survey of vocal solo literature from the sixteenth through the twentieth century, with emphasis on the interpretation and performance of different styles.

MUS 330: Instrumental Literature

Prerequisite: MUS 327. Independent study or class instruction examining representative works from each style period along with a discussion of performance problems.

MUS 333: Music of Africa and Asia

Prerequisites: ENG 102 and IGS 200, or consent of instructor. African and Asian Music, its societal context, instruments, ensembles, vocal traditions, and dramatic/ritual use. Societies include Central African Republic, India, Indonesia, Japan, Nigeria, and Senegal.

MUS 336: Phonetics and Diction

Prerequisite: MUS 262. A study of English, German, Italian, and French diction in vocal music with the utilization of the International Phonetic Alphabet.

MUS 350: Accompanying

Prerequisite: Music major or consent of instructor. A study of the fundamentals and techniques of piano accompaniment. Includes assigned performances.

MUS 355: Jazz Ensemble

Open to auditioned instrumental and vocal students. An ensemble designed to allow students an opportunity to perform music in the jazz idiom. May be repeated for credit.

MUS 357: Vocal Commercial Music Ensemble 1
Open to auditioned vocal and instrumental students. An introduction to essential skills for the commercial vocal musician. May be repeated

MUS 358: Instrumental Commercial Music Ensemble 1
Open to auditioned instrumental and vocal students. An introduction to essential skills for the instrumental commercial musician. May be repeated for credit.

MUS 361: Major Applied V/Laboratory

Prerequisite: MUS 262: A continuation of MUS 262 at the junior level with literature and performance of increasing standards. Two semester credit hours for Music Education majors; three semester credit hours for Performance majors. (Performance lab required)

MUS 362: Major Applied VI/Laboratory
Prerequisite: MUS 361. A continuation of MUS 361. (Performance lab required)

MUS 375: Gospel Ensemble

Open to all students. A performing ensemble concentrating on traditional and contemporary gospel literature. May be repeated for credit.

MUS 381: Marching Band
Open to all students through audition. A performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit.

MUS 382: Symphonic Band
Open to all students through audition. A performing ensemble designed primarily for the general student desiring continuation of instrumental music experience. May be repeated for credit.

MUS 383: Small Vocal Ensemble

Open to auditioned vocal students. A mixed ensemble organized for the performance of chamber and special literature, including madrigals and motets. May be repeated for credit.

MUS 384: Pep Band

Open to all students through audition. A small performing ensemble engaged in the preparation for and performance at University functions, including athletic events. May be repeated for credit.

MUS 385: Wind Ensemble

Open to auditioned instrumental students. A select instrumental ensemble engaged in performance of literature in the wind repertoire.

May be repeated for credit.

MUS 386: Concert Choir
Open to auditioned vocal students. A mixed performing ensemble organized for the study of sacred and secular choral literature. May be repeated for credit.

MUS 387: Instrumental Chamber Music: Woodwinds 1
Open to auditioned woodwind students. A study through performance of representative chamber literature for woodwind ensemble. May be repeated for credit.

MUS 388: Instrumental Chamber Music: Brass

Open to auditioned brass students. A study through performance of representative chamber literature for brass ensemble. May be repeated for credit.

MUS 389: Instrumental Chamber Music: Percussion 1
Open to auditioned percussion students. A study through performance of representative chamber literature for percussion ensemble. May be repeated for credit.

MUS 399: Junior Recital
Prerequisite: MUS 361. For all Music Performance majors. A public recital requiring a minimum of 30 minutes of music.

MUS 403: Arranging
Prerequisite: MUS 202. Private or class instruction in practical arranging for vocal or instrumental ensembles. May be repeated three times for credit.

MUS 420: Minor Applied IV
Prerequisite: MUS 320. A continuation of MUS 320. May be repeated once on the same instrument for credit.

MUS 461: Major Applied VII/Laboratory

2-4
Prerequisite: MUS 362. A continuation of MUS 362 with literature and performance of increasing standards. Two semester credit hours for Music Education majors; four semester credit hours for Music Performance majors. (Performance lab required)

MUS 462: Major Applied VIII/Laboratory 3
Prerequisite: MUS 461. For music performance majors only. A continuation of MUS 461 with literature and performance of increasing standards. (Performance lab required)

MUS 499: Senior Recital
Prerequisite: MUS 461. For all music majors. A public recital requiring a minimum of 30 minutes of music (Music Education majors) or a minimum of 45 minutes of music (Music Performance majors).

NURSING

NUR 101: Nursing I

Prerequisite: Admission to Nursing program. Focus on basic human needs and development, interpersonal relationships, and beginning skills of patient care. Clinical laboratory experience provided. (Four hours of lecture and eight hours of clinical laboratory per week)

NUR 102: Nursing II (RTWE)

Prerequisite: NUR 101. Application of scientific nursing principles and techniques, therapeutic relationships, and behavioral concepts essential to psychiatric and general hospital patients. (Four hours of lecture, eight hours of clinical laboratory per week)

NUR 173: Transition to Associate Degree in Nursing (ADN) 3
Prerequisite: Acceptance into the advanced placement nursing program. Assists the Licensed Practical Nurse to move into the role of the associate degree nurse. Includes selected content on physical and physiological needs.

NUR 201: Nursing III (RTWE)

Prerequisite: NUR 102. Preparation for giving family-centered nursing care and applying nursing principles/techniques in maternal care during maternity cycle/child care from conception through adolescence. (Five hours of lecture, ten hours of clinical laboratory per week)

NUR 202: Nursing IV (RTWE)

Prerequisite: NUR 201. Focus on developing a coordinated approach to planning and implementing nursing care for patients with major health disorders. (Five hours of lecture, ten hours of clinical laboratory per week)

NUR 203: Nursing V (RTWE)

Prerequisite: NUR 201. Seminar discussion of issues and trends in nursing, legal and ethical components, job opportunities, career satisfaction, continuing education, and professional responsibilities. (Two hours of lecture per week)

PHYSICAL EDUCATION

PHE 101: Volleyball
Fundamental skills, techniques, terminology, and rules of volleyball.
(Two labs per week)

PHE 102: Basketball
Fundamental skills, techniques, terminology, and rules of basketball.
(Two labs per week)

PHE 103: Football (Flag)

Fundamental skills, techniques, terminology, and rules of flag football. (Two labs per week)

PHE 104: Softball

Fundamental skills, techniques, terminology, and rules of softball. (Two labs per week)

PHE 105: Soccer

Fundamental skills, techniques, terminology, and rules of soccer. (Two labs per week)

PHE 109: Beginning Swimming 1
Designed to teach students basic skills in swimming, diving, and water safety. (Two labs per week)

PHE 110: Beginning Tennis

Fundamental skills, techniques, terminology, and rules of tennis. (Two labs per week)

PHE 111: Track and Field 1
Fundamental skills, techniques, terminology, and rules of track and field. (Two labs per week)

PHE 112: Badminton \* 1
Fundamental skills, techniques, terminology, and rules of badminton.
(Two labs per week)

PHE 113: Golf 1
Fundamental skills, techniques, terminology, and rules of golf. (Two labs per week)

PHE 115: Archery 1
Fundamental skills, techniques, terminology, and rules of archery. (Two labs per week)

PHE 116: Racquetball
Fundamental skills, techniques, terminology, and rules of racquetball.
(Two labs per week)

PHE 117: Bowling

Fundamental skills, techniques, terminology, and rules of bowling.

(Two labs per week)

PHE 118: Body Conditioning/Physical Fitness 1
Designed to help the student understand the basis of physical fitness and develop a systematic program of exercise. (Two labs per week)

PHE 121: Karate I 1
An introduction to physical and metaphysical aspects of the art of self defense, meditation, and relaxation. (Two labs per week)

PHE 122: Karate II

An advanced course for students who are serious about the pursuit of the martial arts. (Two labs per week)

PHE 123: Aerobic Dance I

Designed to improve the cardiovascular system and to promote an understanding of aerobics in the prevention of heart disease. (Two labs per week)

PHE 124: Aerobic Dance II

Assists students in determining their level of cardiovascular fitness and in designing a personal aerobics program. (Two labs per week)

PHE 131: Alpine Skiing 1
An individualized Alpine Skiing course taught by Certified Ski School instructors on the staff at SKI Butler. Individualized instruction at beginner, intermediate, advanced, and competition levels.

PHE 145: Intermediate Tennis

Prerequisite: PHE 110. Review of beginning tennis skills. Emphasis on strategy and improvement of skills. (Two labs per week)

PHE 200: Lifelong Leisure Activities 2
Prerequisite: PHE 109 or consent of instructor. Designed to teach basic skills related to water activities, golf, and bowling.

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PHE 201: Team Sports Volleyball  Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of performance.	PHE 260: Methods and Materials, Elementary School 2 Physical Education Activities Designed to provide the prospective teacher with an opportunity to
ques of volleyball. (One lecture, one lab per week)	implement effective instructional programs. (One lecture, two labs per
PHE 202: Team Sports Basketball Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of basketball. (One lecture, one lab per week)	PHE 310: Army Fitness Program Designed to help students understand and participate in a physical fitness training program. (Three labs per week)
PHE 203: Team Sports Football (Flag)  Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of flag football. (One lecture, one lab per week)	PHE 320: Adapted Physical Education Prerequisite: PHE 331. Designed to familiarize students with conditions that limit individual participation in physical activity. (Two lectures, one lab per week)
PHE 204: Team Sports Softball Prerequisite: Physical Education major. Designed to expose the student to intermediate techniques of performance, and teaching techniques of softball. (One lecture, one lab per week)	PHE 323: Principles of Physical Education  An introduction to the historical, philosophical, biological, physiological, sociological, and political principles of physical education and sports. (Three lectures per week)
PHE 205: Team Sports Soccer Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of soccer. (One lecture, one lab per week)	PHE 324: Sports Injury: Prevention/Care Prerequisite: BIO 301. Designed to introduce the student to sports medicine. Laboratory experience is provided. (Two lectures, one lab per week)
PHE 210: Individual Sports Tennis  Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of tennis. (One lecture, one lab per week)	PHE 330: Physiology of Exercise  Prerequisite: BIO 301. Designed to present the physiological effects of exercise on the various body systems. (Two lectures, one lab per week)
PHE 211: Individual Sports Track and Field Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of track and field. (One lecture, one lab per week)	PHE 331: Kinesiology/Biomechanics Prerequisite: BIO 301. Designed to provide an understanding of the anatomical and mechanical aspects of human movement. (Three lectures, one lab per week)
PHE 212: Individual Sports Badminton Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of badminton. (One lecture, one lab per week)	PHE 332: Motor Development/Motor Learning Prerequisite: EDU 221. Introduces students to major concepts of motor development and motor learning. Includes application of these concepts to the teaching of motor skills.
PHE 213: Individual Sports Golf Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of golf. (One lecture, one lab per week)	PHE 333: Psychological/Sociological Aspects of Sports  Prerequisite: PSY 200 or SOC 203. Aids the prospective teacher/coach to understand and apply the psychological and sociological concepts of sports and physical activity in the learning environment.
PHE 218: Teaching Body Conditioning 1 Prerequisite: Physical Education major. Designed to expose the students to intermediate techniques of performance, and teaching techniques of body conditioning and physical fitness. (One lecture, one lab per	PHE 351: Lifeguard Training Prerequisites: CPR Certification, HED 107, and PHE 240 or comparable skills. Leads to certification by the American Red Cross. (Two labs per week)
week)  PHE 240: Intermediate Swimming Review of beginning swimming skills. Instruction in techniques of all strokes useful to recreational swimming. (Two labs per week)	PHE 352: Water Safety Instructor Prerequisite: PHE 240 or comparable skills. Training in teaching swimming. American Red Cross Water Safety Instructor certification upon successful completion. (Two labs per week)
PHE 257: Elementary Rhythmic and Dance Activities  Designed to expose the prospective teacher to a variety of rhythmic and dance activities. (One lecture, one lab per week)	PHE 355: Sports Officiating Intensive study of playing rules, rule interpretation, and techniques and mechanics of officiating. (Two lectures, one lab per week)
PHE 258: Individual and Team Sports for the Elementary School Designed to expose the prospective teacher to a variety of low-organized and lead-up game activities. (One lecture, two labs per week)	PHE 380: Coaching Competitive Athletics Introduction to the theories and practices pertaining to athletic performance and athletic management for coaching. (Two lectures per week)
PHE 259: Movement and Gymnastic Activities for the	PHE 381: Coaching Volleyball and Basketball Theory, strategy, and mechanics of coaching volleyball and basketball. (Two lectures per week)
Designed to expose the prospective teacher to a variety of movement, gymnastic apparatus, stunt and tumbling activities. (One lecture, two labs per week)	PHE 382: Coaching Track and Field Events Theory, strategy, and mechanics of coaching track and field events.  (Two lectures per week)

(Two lectures per week)

PHE 383: Coaching Soccer and Football Theory, strategy, and mechanics of coaching soccer and football. (Two lectures' per week)
PHE 384: Coaching Baseball and Softball Theory, strategy, and mechanics of coaching baseball and softball. (Two lectures per week)
PHE 389: Legal Aspects of Coaching Athletics 2 Provides the student with knowledge and understanding of applications of law to the specific areas of school physical education and athletic programs. (Two lectures per week)
PHE 390: Scientific Basis of Coaching Introduces the student to the scientific disciplines that undergird sound athletic coaching practices: sport psychology, biomechanics, and exercise physiology. (One lecture, one lab per week)
PHE 391: Psychology of Motor Learning  Provides the student with knowledge and understanding of skill acquisition and motor performance applicable when participating in sport activities. (One lecture, one lab per week)
PHE 401: Tests and Measurements for Health and Physical Education  Prerequisite: MAT 110. The theory of measurement and statistical techniques. Includes construction of tests and the measuring of physical fitness and motor performances. (Two lectures, one lab per week)
PHE 421: Organization and Administration of Health and Physical Education  Prerequisite: PHE 323. Introduces the student to the principles, organization, and administration of school health, physical education, and intramural and interscholastic sports programs. (Three lectures per week)
PHE 423: Advanced Techniques in Athletic Training Prerequisite: PHE 324. Focus on the causes, symptoms, and appropriate emergency care for the injured athlete. (One lecture, two labs per week)
PHE 424: Athletic Training Field Experience 2 Prerequisite: PHE 423. Students obtain field experience under the direct supervision of a certified athletic trainer.
PHE 425: Athletic Training High Impact Field Experience 2 Prerequisite: PHE 423. Students obtain high impact field experience under the direct supervision of a certified athletic trainer.
PHILOSOPHY
PHI 200: Introduction to Philosophy  An introductory study of some classical philosophical issues. Includes the mind-body problem; free will, determinism, and moral responsibility; and arguments concerning the existence of God.
PHI 210: Introduction to Logic  An introductory study of the art of reasoning. Attention to fallacies, inductive inference, traditional Aristotelian logic, and the modern logic of truth-functions.
PHI 310: Moral Philosophy An introductory study of major issues in normative ethical theory and selected applied topics of social ethics, such as abortion and euthanasia.
PHI 330: Philosophy of Religion  An analytical and critical investigation of arguments concerning the

existence and nature of God. Notions of survival after death and the

epistemology of religious claims.

COURSE DESCRIPTIONS 2 PHI 390: Bioethics An exploration of ethical issues arising from modern biology and (Two medicine, including altruism and sociobiology, abortion, birth control technology, euthanasia, and genetic engineering. 2 PHI 400: Metaphysics (Two Prerequisite: PHI 200 or 210 or consent of instructor. A critical investigation of arguments concerning categorical concepts including time, space, modalities of existence, and causality. pplica-PHI 490: Survey of Basic Mathematical Logic n and Prerequisite: PHI 210 or one course above MAT 110. A survey of sentential and quantificational language systems and their calculi. Includes proofs of functional completeness, meta-theorems, Goedel's proof, and sound elements of modal logic. nd ex-PHYSICAL SCIENCES PHS 201: Physical Sciences I till ac-Introduction to basic principles of physical phenomena of the universe. sport Among the topics discussed are geology, astronomy, and meteorology. PHS 203: Physical Sciences Laboratory Laboratory exercises and demonstrations designed to show basic applications of chemistry and physics to topics in astronomy and geology. istical (Two hours of laboratory per week) vsical veek) PHYSICS iples. ation, ctures 2

PHY 111: Introduction to Physics I Corequisite: MAT 110 or MAT 115 (may be taken concurrently). This course is an introduction to mechanics, gravitation, friction, elasticity, heat, and sound. (Two hours of lecture, two hours of laboratory per PHY 112: Introduction to Physics II Prerequisite: PHY 111. Corequisite: MAT 120. This course is an in-

troduction to electricity, magnetism, light, molecular and atomic physics. (Two hours of lecture, two hours of laboratory per week) PHY 207: Physics in Biological Science I Prerequisite: MAT 120. A study of rigid-body mechanics, gravitation,

friction, elasticity, harmonic motion, sound, fluid mechanics, heat transfer, and kinetic theory, with particular attention to living systems. (Three hours of lecture, two hours of laboratory per week) PHY 208: Physics in Biological Science II

Prerequisite: PHY 207. Continuation of PHY 207, with study of electricity, magnetism, electrical circuits, light, optical systems, molecular and atomic structure, and radiation. (Three hours of lecture, two hours of laboratory per week)

PHY 211: General Physics I Prerequisite(s): PHY 112 and MAT 201, or consent of instructor. Study of the calculus-based description of rigid-body mechanics, gravitation, friction, elasticity, fluid mechanics, harmonic motion, sound, thermometry, and heat transfer. (Four hours of lecture, two hours of laboratory per week)

PHY 212: General Physics II Prerequisite: PHY 211 and MAT 202. Continuation of PHY 211. Electricity, magnetism, electrical circuits and devices, optics, atomic and molecular physics, kinetic theory and radiation physics are studied. (Four hours of lecture, two hours of laboratory per week)

PHY 311: Statics Prerequisites: PHY 211 and MAT 202. The analysis of gravitational, elastic, and frictional forces in static rigid bodies and structures. (Three hours of lecture)

PHY 320: Thermodynamics

Prerequisites: PHY 211 and MAT 202. Equations of state, energy, enthalpy, and entropy of several fundamental physical systems; includes laws of thermodynamics applied to these systems and to common engines. (Three hours of lecture, two hours of laboratory per week)

PHY 340: Electricity and Magnetism

Prerequisite: PHY 212. Corequisite: MAT 303. Electric and magnetic forces; fields and potentials accompanying charge and current in vacuum/dielectrics/conductors. Motion of charged particles, electromagnetic waves, electrical circuits and devices. (Three hours of lecture, two hours of laboratory per week)

PHY 361: Modern Physics

Prerequisite: PHY 212. PHY 320 is recommended. Corequisite: MAT 303. Kinetic theory of gases; bonding forces (liquids/solids); statistical thermodynamics; thermal, electrical, and magnetic properties; photon and electron characteristics; atomic and nuclear structures and radiations. (Three hours of lecture, two hours of laboratory per week)

## POLITICAL SCIENCE

POS 101: American Government

A study of the formal and informal institutions of American national government and politics, including the Constitution, the presidency, Congress, the federal court system, etc.

POS 160: State and Local Government

Prerequisite: POS 101. An examination of the structure and function of state and local political institutions, the forms of political participation, and various policy issues.

POS 201: Metropolitan Government

A study of municipal government and metropolitan problems, including politics, the role of the city council, the mayor, and the city

POS 211: Introduction to Political Science

Prerequisite: POS 101 or consent of instructor. An introduction to the study of behavior in a political context, including an analysis of behavioral concepts such as political roles, groups, and power.

POS/PSY/SOC 300: Statistics for the BSS

Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

POS/PSY/SOC 301: Research Methods for the BSS

Prerequisite: POS/PSY/SOC 300 or consent of instructor. This course introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

POS 311: Comparative Government

Prerequisite: POS 211 or consent of instructor. An analysis of the major political systems of Europe, with emphasis on Great Britain, France, the German Federal Republic, and the Soviet Union.

POS 322: Legislative Process

Prerequisites: POS 101 and POS 160, or consent of instructor. A comprehensive study of legislative organization, procedures and problems governing the legislative power structure, the selection of legislators, and the roles they play.

POS 331: American Constitutional Law

Prerequisite: POS 160. An analysis of the constitutional development of separation of powers, federalism, the regulation of commerce, contracts, taxing and spending, and the state police power.

POS 355: Classical Political and Sociological Theory Prerequisite: Consent of instructor. An examination of western political

philosophy from Plato to Marx with emphasis on Plato, Aristotle, Machiavelli, Hobbes, Locke, Rousseau, and Marx.

POS 361: World Politics

An examination of the dynamics of world politics, international tension, conflict, and resolution.

POS 431: The Constitution and Civil Liberties

Prerequisites: POS 160 and POS 211. An examination of constitutional development: the definition of American rights in the areas of freedom of speech, press, assembly, association, and religion.

POS 446: American Political Executives

Prerequisites: POS 201, POS 211, and POS 331. An analytical examination of the powers, duties, and functions of American political executives in national, state, and local governments.

POS 461: American Politics

Prerequisite: POS 160. An advanced political science course that addresses the American political heritage. Specific emphasis is placed on the Constitution, political behavior, and electoral systems.

POS 462: Politics of Developing Nations

Prerequisite: POS 211. A comparative analysis of political culture, processes, and problems of selected nations, the majority of which have become independent since World War II.

POS 464: African Politics

Prerequisite: Consent of instructor. A survey course designed to introduce students to African political structure, its historical background, the impact of colonization, recent trends, and ideologies.

POS 291, 391, 491: Political Science Internship I, II, III Prerequisites: Political Science major or minor and consent of instructor. A semester or session of supervised practical experience to complement classroom instruction. Final grade, placement, and number of semester credit hours determined by student's advisor.

POS 495: Directed Study in Political Science

Prerequisite: Consent of instructor. Course content, instructional activities, and student assignments are tailored to specific needs.

#### **PSYCHOLOGY**

PSY 200: General Psychology

A first course in human behavior. Among the topics covered are heredity and environment, development of the individual, motivation, emotion, perception, personality, and abnormal behavior.

PSY/POS/SOC 300: Statistics for the BSS

Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

PSY/POS/SOC 301: Research Methods for the BSS

Prerequisite: PSY/POS/SOC 300 or consent of instructor. This course introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

PSY 303: Theories and Methods in Developmental Psychology 3 Prerequisite: PSY 200. Theories and research methods of developmental psychology, including psychoanalytic, cognitive, and behavioral methodologies. The development of language, personality, cognition, and social behavior are also explored.

PSY 304: Experimental Psychology

Prerequisite(s): PSY 200, PSY 300, and PSY 301, or equivalents. May be taken concurrently with PSY 301. An introduction to laboratory procedures and the use of experimental designs to study psychological processes. A laboratory course.

PSY 320: History and Systems of Psychology

Prerequisite: PSY 200 or consent of instructor. Exploration of the history of psychology as a scientific approach to understanding behavior from the ancient Greeks to the present, with a focus on the last two centuries.

PSY 400: Abnormal Psychology

Prerequisite: PSY 200. A study of the nature and concept of abnormality; problems and schemes of classification; and the theories, symptoms, etiology, and treatment of deviant behavior.

PSY 401: Personality Theory

Prerequisite: PSY 200. Major theories of personality and personality development are closely examined, including psychodynamics, behavioral, trait, humanistic, cognitive, and other approaches.

PSY 402: Industrial Psychology

Prerequisite: PSY 200. Application of general principles of psychology to the industrial setting with emphasis on job analysis; worker analysis; work-fatigue accidents; human engineering; and worker effectiveness.

PSY/SOC 403: Social Psychology

Prerequisite(s): PSY 200 and SOC 203, or consent of instructor. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control.

PSY 404: Psychological Assessment

Prerequisite: PSY 200. A survey course of broad categories into which psychological assessment instruments and techniques can be divided and the study of existing assessment instruments and techniques.

PSY 405: Seminar in Psychology I

Prerequisite(s): PSY 300 and PSY 301, or equivalents. A specific area of psychology will be studied based on current trends and students needs. (This course should be taken in the junior year.)

PSY 406: Seminar in Psychology II

Prerequisite: PSY 405 (Psychology minors may substitute either PSY 300 or 301 for PSY 405). The same format as PSY 405 with a different area of psychology intensively studied.

PSY 407: Theories in Psychotherapy

Prerequisites: PSY 400 and PSY 401. Approaches to the treatment of mental disorders as examined from a multidisciplinary prospective.

PSY 408: Learning and Motivation.

Prerequisite: PSY 200. The examination of behavior through principles of classical, operant, and cognitive learning theories and research, and through theories and research regarding motivation.

PSY 409: Cognitive Psychology

Prerequisite: PSY 200. An intensive study of the growing field of cognitive psychology. The course explores concepts of memory, attention, thinking, and language with reflections on information processing and artificial intelligence.

PSY 410: Physiological Psychology

Prerequisite: PSY 200. The study of the neurophysiological bases of behavior, with emphasis on neuroanatomy and the physiology of learning, motivation, emotion, and sensation.

PSY 411: Sensation and Perception

Prerequisites: PSY 200 and PSY 304. Human sensory and perceptual processes will be examined. Major theories and experimental findings will be presented. Includes laboratory assignments

#### PUBLIC ADMINISTRATION

PUA 170: Public Sector Management

A survey of the managerial issues in the government agencies including organization, personnel, budget, political accountability, clientele relations, and human resources development.

PUA 181: Contemporary Public Policy Issues

An overview of selected public policy issues in America. The choice of topics may include tax policy, health care, welfare, and foreign policy.

PUA 202: Computer Applications in the Public Sector

Develops microcomputer competencies needed by public managers. Introduces word processing, electronic spreadsheets, and use of microcomputer operating systems. Develops conceptual understanding of how such technology is applied by governments.

PUA 203: Introductory Statistics for Public Administrators Prerequisite: PUA 170 or consent of instructor. Introduction to statistics with emphasis on applications involving public sector data.

PUA 301: Public Budgeting Processes

Prerequisite(s): PUA 170 and POS 101, or consent of instructor. An examination of the managerial components of budgetary processes in the government agencies.

PUA 303: Research Methods in Public Administration (RTWE) 3 Prerequisite(s): PUA 170 and PUA 203, or consent of instructor. Application of social science research techniques to the problems of public sector management. Development of analytical perspectives in evaluating administrative research reports.

PUA 304: Comparative Administrative Systems and Policies 3 Prerequisite: PUA 170 or consent of instructor. An analysis of public management in selected nations with specific focus on the comparison of public policies, programs, and their implementations.

PUA 322: Management Information Systems

Prerequisites: PUA and PUA 202. This course examines technical, psychological and behavioral aspects of information systems, life cycles, and information controls.

PUA/HED/SOW 371: Introduction to Public Health

Prerequisite: HED 221 or consent of instructor. A survey course that develops an understanding and appreciation for factors affecting health status and its contribution to individual and community health.

PUA 400: Policy Analysis and Program Evaluation Prerequisite(s): PUA 170, PUA 203, PUA 303, and ECO 211 or consent of instructor. Analysis of the impact of programs and policies in the public sector.

PUA 401: Organizational Behavior and the Bureaucratic Structure

Prerequisite: PUA 170 or consent of instructor. A study of behavior in public organizations and practical use of organizational theories in effective public management.

PUA 402: Human Resources Management in Public Agencies 3 Prerequisite: PUA 170 or consent of instructor. An introduction to human resource management. The topics may include recruitment, personnel development, job analysis, productivity, employee assistance services, and grievance analysis.

PUA 404: African Public Administration and Policies

Compares the administrative system of Sub-Saharan African countries in light of prevailing political, legal, economic, and cultural influences.

PUA 491: Internship

Content determined by instructor. Practicum experience based on the

interest of students and availability of placement openings in public sector agencies. May be repeated once.

#### PUA 495: Directed Study

Prerequisite: Senior classification or consent of the dean. An organized course of readings, oral and written reports, and examinations arranged by a faculty member whose areas of specialization coincides with the student's interest.

#### PUA 497: Special Topics

Prerequisite: Senior classification or consent of instructor. A seminar for the discussion of special topics in public administration. May be repeated once.

#### PUA 499: Senior Seminar (RTWE)

Prerequisite: Senior classification or consent of the dean. A capstone experience for public administration majors. The seminar will integrate theory and research with practice.

#### PUA 500: Perspectives on Public Administration

Provides conceptual perspectives on management in the public sector. Topics covered include public policy, organization theory, management, planning, financial management, leadership, and intergovernmental relations.

## PUA 501: Quantitative Methods

Prerequisite: PUA 500 or consent of instructor. A study of statistical measures from a managerial perspective and the use of social science package computer programs for doing statistical analyses.

## PUA 503: Research Methods and Policy Analysis

Prerequisite(s): PUA 500 and PUA 501, or consent of instructor. An introduction to skills and concepts useful for research involving analysis and evaluation of public policy and programs.

#### PUA 504: Organization Theory

Prerequisite: PUA 500 or consent of instructor. Surveys the theories of complex organizations. Special emphasis will be placed on theories dealing with public bureaucracies.

#### PUA 505: Introduction to Management Information Systems (MIS)

Prerequisite(s): PUA 500 and PUA 501, or consent of instructor. This course introduces the student to the terminology and tools of MIS. The theoretical background is based in operations research, management science, and computer science.

#### PUA 506: Public Personnel Management

Prerequisite: PUA 500 or consent of instructor. Provides students with an overview of personnel management concepts and focuses on various functions and laws which comprise the public personnel management.

# PUA 600: Seminar on American Administrative 3 Institutions and Public Policies

Prerequisite(s): All core requirements or consent of the dean. This seminar is designed for extensive reading and critical discussions about American administrative institutions, political behavior, and public policies.

## PUA 601: Seminar on State Administration

Prerequisite(s): All core requirements or consent of the dean. Examines the managerial aspects of state administration; considers the political and economic environments confronting administrators in state government.

## PUA 603: Seminar on Urban Administration

Prerequisite(s): All core requirements or consent of the dean. This advanced research seminar provides an analysis of managerial issues in urban public administration.

## PUA 604: Seminar on Rural Administration

Prerequisite(s): All core requirements or consent of the dean. Special emphasis will be on land use, transportation, agriculture, environment, and the management of decentralized services.

#### PUA 605: Public Sector Economics

Prerequisite(s): PUA 500 and PUA 501, or consent of the dean. This course provides an introduction to microeconomics and macroeconomics. Emphasis is on the leading indicators and the institutions which shape public policy.

## PUA 606: Grantsmanship and Proposal Writing (RTWE)

Prerequisite(s): All core requirements or consent of the dean. A study of the technicalities and behavior patterns involved in writing grant proposals for government agencies and non-profit foundations. Handson experience in writing proposals provided.

#### PUA 607: Budgeting in Government Agencies

Prerequisite: PUA 500 or consent of instructor. Applies budgetary principles and theories to the actual preparation of sample budget documents in the local, state, and federal agencies. Critical analysis of budget documents carried out in a series of classroom exercises. Use of computer program in budget preparation will be introduced.

#### PUA 612: Personnel Law and Administration

Prerequisite(s): All core requirements or consent of the dean. Introduces students to varying regulations and concepts with which they must deal in administering the personnel functions of an organization.

## PUA 614: Applied Human Relations

Prerequisite(s): All core requirements or consent of the dean. Applies human relations theory and practice to the public sector to develop a people-in-systems focus that will meet the needs of government workers

#### PUA 615: Personnel Assessment

Prerequisite(s): All core requirements or consent of the dean. Examines techniques used to make decisions concerning personnel selection, promotion, and performance appraisal. Documentation requirements, EEO concerns, and other issues affecting employee assessment are examined.

# PUA 631: Seminar on Comparative and International Administration

Prerequisite(s): All core requirements or consent of the dean. Analyzes systems of public management and their political environment in selected countries of Africa, Asia, Europe, and Latin America.

## PUA 632: Seminar on Comparative Economic Systems

Prerequisite(s): All core requirements or consent of the dean. Surveys economic systems of Western, Communist, and less developed countries. Topics include economic problems of developing nations and the impact of global political and economic trends.

#### PUA 633: Seminar on Development Administration

Prerequisite(s): All core requirements and PUA 631 and PUA 632 or consent of the dean. This course analyzes international development programs from managerial perspectives. Topics for discussion include program management, technology transfer, foreign aid, and administrative modernization.

#### PUA 641: Seminar on Management Information Systems (MIS) 3 Prerequisite(s): All core requirements or consent of the dean. Topics include the use of computer hardware and software to retrieve data, manage databases, model alternatives, and prepare reports.

#### PUA 642: Decision Support Systems

Procession Support Systems

Prerequisite(s): All core requirements and PUA 641 or consent of the dean. This course combines theory with the practical techniques of PERT, CPM, linear programming, modeling, "what if" analysis, break even analysis, and decision trees.

## PUA 680: Statistical Packages for Data Analysis

Prerequisite(s): All core requirements or consent of the dean. Explores reporting and data analysis capabilities of various software packages. Emphasizes research uses, particularly with large databases.

#### PUA 681: Applied Advanced Statistical Methods

Prerequisite(s): All core requirements or consent of the dean. Advanced study of statistical techniques to analyze public sector data using computer programs.

#### PUA 683: Organizational Development

Prerequisite(s): All core requirements or consent of the dean. Studies the methodologies used for systematically bringing about organizational change and improvement. Application of research and theory from the behavioral and social sciences are emphasized.

## PUA 685: Ethics for Public Sector Management

Prerequisite(s): All core requirements or consent of the dean. Enables students to recognize ethical dilemmas in public sector management, develop their skills of ethical analysis, and to be aware of their own personal moral judgments.

## PUA 687: Advanced Topics in Public Administration

Prerequisite(s): All core requirements or consent of the dean. Focus on issues of current interest in the public sector. Topics include the determination, review, and analysis of timely public affairs topics. May be repeated once.

#### PUA 689: Directed Study

Prerequisite: Consent of the dean. Completion of an approved project designed to provide the student with an opportunity to develop an area of expertise not covered by the regular curriculum.

## PUA 691: Seminar on Personnel Management

Prerequisite(s): All core requirements or consent of instructor. Applied public sector personnel management as viewed from the theoretical, legal, and practical perspective. Special emphasis on the development of personnel policies and plans.

## PUA 692: Seminar on International Personnel Systems

Prerequisite: PUA 631 or consent of instructor. Analyzes personnel systems and their managerial issues in the selected countries of Europe, Asia, Africa, and Latin America.

#### PUA 699: Internship in Public Administration

Prerequisite: Consent of the dean. Required of all students with limited or no previous work experience related to their specialty area in Public Administration as determined by the Public Administration faculty. Must be repeated once.

## PUA 797: Residence Credit for Thesis/Professional Project

MPA students who have already earned 6 semester credit hours in PUA 798 and 799 may be registered for this course which will enable them to use university resources for research.

## PUA 798: Professional Project

Prerequisite: Approval by a Public Administration faculty committee. Completion of a project approved by the committee involving direct participation in a government or volunteer agency, public interest group, or similar organization. Oral defense is required. Must be repeated once.

#### PUA 799: Thesis (RTWE)

Prerequisite: Previous approval by a Public Administration faculty committee. Independent and original research on a specialized topic in Public Administration. Oral defense is required. Must be repeated once.

## RECREATION

## REC 101: Introduction to Recreation

Special attention is given to the history of recreation, principles of

organization, finance, administration, and supervision.

## REC 201: Recreational Games and Sports

Prerequisite: REC 101 or approval of chairperson. The theory and practice of teaching recreational games and sports needed in developing sound recreational programs.

## REC 322: Recreation for Special Populations

Prerequisite: REC 101 or approval of chairperson. Introduces students to the philosophy, objectives, and basic concepts of recreation for the handicapped and aged.

# REC 343: Organization and Administration of Playgrounds and Recreation

Focus on city problems as related to play and recreation, planning, authority and responsibility, programs, leagues, tournaments, equipment, supplies, and public relations.

## REC 364: Camping and Camp Counseling

Prerequisite: REC 101 or approval of chairperson. Includes theories and philosophies of camping and camp counseling. Emphasis on organizing and administering practical experiences in camping.

## REC 390: Recreation Clinical Experience

Prerequisites: ART 102, REC 101, REC 201, REC 322, and senior classification. Course provides clinical experience in recreation dealing specifically with special populations.

## REC 400: Recreation Field Experience

Prerequisites: REC 101, REC 201, REC 322, and junior classification. Students engage in supervised leadership experiences in recreation agencies.

## **RELIGIOUS STUDIES**

## REL 201: Topics in Religion

A survey of various questions and topics of the world's major religious traditions. Emphasizes historical, anthropological, and symbolic analysis and understanding.

#### REAL ESTATE

#### RES 101: Principles of Real Estate (RTWE)

Introduction to areas of real estate as a professional field, including brokerage, agreements of sales, deeds, financing of real estate, mortgages, judgments, valuation appraisals and license law.

## RES 102: Real Estate Marketing (RTWE)

Covers ownership rights, liens, taxes, assessments, and other claims on real property.

## RES 104: Real Estate Law (RTWE)

Equips students with an understanding of legal principles governing real estate transactions with attention to sales, contracts, deeds, mortgages, title insurance, taxes, community property, and homestead law.

## RES 201: Real Estate Valuation (RTWE)

Introduction to the real estate market, including land values, construction costs, residential and commercial appraisals, and transactions of rental income into present value.

#### **RES 202: Residential Construction**

Introductory course in design and construction of single family residences. Topics include site orientation, architectural styles, structural styles, interior planning, and construction methods and materials.

## **SCIENCE**

#### SCI 095: Science Process Skills

Hands-on activities conveying the skills of observation, inference, communication, measurement, classification, identification of variables, prediction, hypothesis formation, experimentation, and data analysis. (Does not count toward any degree requirements)

#### SOCIOLOGY

#### SOC 203: Principles of Sociology

Survey of the basic principles and concepts of sociology.

#### SOC/POS/PSY 300: Statistics for the BSS

Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in the behavioral and social sciences.

#### SOC/POS/PSY 301: Research Methods for the BSS

Prerequisite: SOC/POS/PSY 300 or consent of instructor. Introduces the basic logic, knowledge, and skills of research design and methodology in the behavioral and social sciences.

#### SOC 303: Cultural Anthropology

Prerequisite: SOC 203. Introduction to the scientific study of human culture; the examination of the ecological, historical, and evolutionary foundations of culture.

#### SOC 304: Race and Ethnic Relations

Prerequisites: SOC 203, HIS 101, and HIS 102. A sociological analysis of modern race and ethnic relations with attention given to black-white interaction, race prejudice, discrimination, cultural differences, and socio-cultural dynamics.

#### SOC 305: Contemporary Social Problems

Prerequisite: SOC 203. An examination of social issues and conflicts of society from a sociological perspective.

#### SOC 312: The Sociology of Poverty

Prerequisite: SOC 305. Investigation of the socio-cultural factors that contribute to poverty and deprivation in rural and urban settings.

#### SOC 314: Demography

Prerequisites: SOC 203 and SOC 300. Examination of the factors that affect growth, size, composition, and distribution of human populations; the components of population change and their relationship to socio-cultural variables.

#### SOC 320: Social Stratification

Prerequisite: SOC 203 or consent of instructor. Study of systems of social ranking in societies. Attention is focused on social classes in American societies and the distribution of power, prestige, and privileges.

## SOC 343: Juvenile Delinquency

Prerequisite: SOC 203. The prerequisite may be taken concurrently. Study of the causes of delinquency as revealed through personal, family, and community-situational conditions.

#### SOC 350: Urban Sociology

Prerequisite: SOC 203. The prerequisite may be taken concurrently. Examination of social processes, including the emergence of leadership, the structure of authority, and the differentiation between and among urban institutions.

#### SOC/PSY 403: Social Psychology

Prerequisite(s): PSY 200 and SOC 203, or consent of instructor. A study of social and individual dynamics, social roles, attitude formation and change with emphasis on behavioral variation and social control.

#### SOC 405: Sociological Theory

Prerequisite: Junior classification in Sociology. The social, cultural, and intellectual foundations of sociological theory.

#### SOC 423: Criminology

Prerequisite: SOC 203. The prerequisite may be taken concurrently. A study of criminology from the classical schools to the present, with special units on the professional criminal and white collar crime.

#### SOC 428: Applied Sociology

Prerequisite: Junior classification in Sociology, Examination of a broad range of perspectives for the application of sociological principles and techniques to human environmental problems and conditions.

#### SOC 431: Social Change

Prerequisites: SOC 203 and 9 additional semester credit hours earned in upper-level Sociology courses. Open to seniors only. A seminar in which students present and defend independently developed projects on the dynamics of change.

#### SOC 490, 491, 492: Sociological Practicum I, II, III

Prerequisite: Consent of instructor. A directed reading, research, or pre-professional working-learning experience for selected students in sociology.

#### SOCIAL WORK

SOW 201: Career Choices in the Human Service Professions 3 An overview of professional practice for potential Social Work majors.

Exposes students to various professional roles and encourages examination of Social Work as a career.

## SOW/CJE 300: Statistics for Social Work

Prerequisite: A background in basic algebra. This course serves as an introduction to the use of statistics as a method of describing and analyzing data from research in Social Work with an emphasis on applied methods.

#### SOW 301: Research Methods for Social Work

Prerequisite: SOW 300 or consent of instructor. Introduces the basic logic, knowledge, and skills of research design and methodology in Social Work.

#### SOW 306: Human Behavior I

Prerequisite: SOW 201 or consent of instructor. Analyzes the development and behavior of persons from conception through young adulthood: biological, psychological, social, and cultural factors are examined.

#### SOW 307: Human Behavior II

Prerequisite: SOW 306 or consent of instructor. A continuation of Human Behavior I, this course examines human growth and development from middle-adulthood through old age.

#### SOW 308: Dynamics of Marriage and the Family

Prerequisite: SOC 203 or consent of instructor. An examination of diversity and change in marriage, family life, and women's roles and status, identifying areas of concern to helping professionals.

#### SOW 310: Foundations of Social Work Practice (RTWE)

Prerequisite: SOW 201 or consent of instructor. Provides the theoretical foundation for generalist practice, applying systems thinking to activities in the human services. Examines Social Work functions and tasks for effective service delivery.

## SOW 314: Basic Skills for Human Services Professions

Prerequisite: SOW 310 or consent of instructor. Provides students an opportunity to develop skills in communication, interviewing, purposeful observation, recording, problem identification, and record keeping.

## SOW 315: Advanced Skills in Social Work Methods

Prerequisites: SOW 308 and SOW 314. Development of techniques and skills in problem-solving with families, groups, communities, and organizations. Selected frameworks for Social Work intervention are

# SOW 321: Social Welfare Policies, Issues, and Programs I

Prerequisite: SOW 201 or consent of instructor. Historical and philosophical development of social welfare as an institution and Social Work as a profession. Policy structures of public and private agencies are examined

# SOW 322: Social Welfare Policies, Issues, and Programs II

Prerequisite(s): SOW 310 and SOW 321, or consent of instructor. Analysis and interpretation of social welfare policies, programs and issues. Examines the influence of movements, ideologies, political conditions, and sociocultural attitudes on social welfare.

# SOW/HED/PUA 371: Introduction to Public Health

Prerequisite: HED 221 or consent of instructor. A survey course that develops an understanding and appreciation for factors affecting health status and its contribution to individual and community health.

## SOW 422: Field Instruction I

Prerequisite: Admission to Social Work Program. An educational experience under faculty direction in an approved social service agency. Students work approximately 24 hours per week providing services to various client systems.

## SOW 423: Social Work Seminar I (RTWE)

Prerequisites: SOW 322 and consent of faculty. Corequisite: SOW 422. Students integrate knowledge, values, and skills learned in the classroom with their practice experience in an agency.

## SOW 424: Field Instruction II

Prerequisites: SOW 422, SOW 423, and consent of faculty. Under faculty supervision, students work 24 hours per week in an approved social service agency.

## SOW 425: Social Work Seminar II (RTWE)

Prerequisites: SOW 422, SOW 423, and consent of faculty. Taken in conjunction with SOW 424. Students are offered an opportunity to refine skills in problem-solving as a final preparation for professional practice.

## SOW 430: Child Welfare Services

An historical analysis of child welfare as an institution and an in-depth study of programs, policies, practices, and their impact on children, youth, and families.

## **SPANISH**

## SPA 101: Elementary Spanish I

An introductory Spanish course with emphasis on the spoken language: pronunciation, grammar, vocabulary building, drills, and readings. (Laboratory work)

## SPA 102: Elementary Spanish II

Prerequisite: SPA 101. Continuation of Spanish 101 with emphasis on pronunciation, oral expression, and reading. (Laboratory work)

## SPA 201: Intermediate Spanish I

Prerequisite: SPA 102. More advanced work in conversation, composition, reading, and translation. (Laboratory work)

## SPA 202: Intermediate Spanish II

Prerequisite: SPA 201. Continuation of SPA 201 with greater emphasis on conversation, reading, and composition. (Laboratory work)

## SPA 301: Survey of Spanish Literature to 1700

Prerequisite: SPA 202. A study of Spanish literature from its beginning to 1700. Includes representative writers and works, history of ideas, and foreign influences.

## SPA 302: Survey of Spanish Literature since 1700

Prerequisite: SPA 202. Continuation of SPA 301. A study of Spanish literature from 1700 to the contemporary period. Includes representative writers and movements.

## SPA 311: Advanced Spanish Composition

Prerequisite: SPA 202. Intensive review of special grammatical constructions — verbs, idioms, tenses, prepositions, etc., with emphasis on correct expression of ideas.

## SPA 312: Advanced Spanish Conversation

Prerequisite: SPA 202. Intensive conversational practice designed to develop fluency, clarity, and precision in the oral expression of ideas.

## SPA 375: Spanish for International Studies I

Prerequisite: SPA 202 or equivalent or proficiency test. Intensive development of communicative skills through the study of articles and audio-visual materials on current world affairs.

## SPA 376: Spanish for International Studies II

Prerequisite: SPA 375 or equivalent. Continuation of intensive development of communicative skills through the study of articles and audiovisual materials on current world affairs.

## SPA 403: Spanish Civilization

Prerequisite: SPA 202. Study of Spanish civilization from 1700 to the present. Special readings and reports. Conducted partly in Spanish.

## SPA 404: The Civilization of Ibero-America

Prerequisite: SPA 202. A study of social, economic, cultural, and political life and institutions of Spanish America and Brazil from the pre-Columbian period to the present.

#### SPEECH

## SPE 101: Oral Communication

Placement required concurrently with ENG 103 and ENG 099. An introduction to structured oral communication, concentration on the development and delivery of informative messages.

## SPE 103: Interpersonal Communication

The verbal and non-verbal aspects of human communication. Emphasis is placed on roles played by self-esteem, perception, trust, conflict, language, values, etc.

## SPE 200: Public Speaking

Prerequisite: SPE 103. Deals with the preparation, delivery, and evaluation of speeches. Emphasis is placed upon the impromptu, the extemporaneous, and the written speech.

## SPE 201: Group Discussion and Debate

The theory and practice of small and large group discussion, and formal and informal debate strategies, emphasizing the individual's role within the group and on debate.

## SPE 302: Interracial/Intercultural Communication

Prerequisite: SPE 103. The study of communication strategies in different cultural and racial groups.

## SPE 304: Oral Interpretation

Prerequisite: SPE 103. Designed to equip the student with techniques for effective oral interpretation of such literature as the Bible, the Classics, dramatic literature, and poetry.

SPE 310: Persuasive Speaking Prerequisite: SPE 103. The study of the rhetorical aspects of speech

in persuasive styles. Emphasis is placed on gathering, structuring, and orally presenting persuasive data.

SPE 315: Voice and Diction

Prerequisite: SPE 200. A basic course offered to acquaint the student with the social, physiological, psychological, phonetic, and linguistic bases of speech communication.

SPE 401: Institutional Communication

Prerequisite: Consent of faculty. Designed to acquaint the students with organizational structures and how they develop internal and external communication systems.

SPE 402: Public Relations

Prerequisite: Consent of faculty. Study of public relations concepts. Students are given the opportunity to practice public relations theory in a variety of activities and organizations.

## TEXTILES, CLOTHING, AND **MERCHANDISING**

TCL 101: Introduction to Fashion Merchandising

Overview of the profession, including career options, topics and trends within the industry.

TCL 212: Apparel Quality Analysis

Study of the influence that design, textiles, and production techniques have on the performance, appearance, and quality of apparel and accessories. (Lecture and demonstrations)

TCL 221: Textiles I

Consumer-oriented study of textiles, emphasizing fibers, fabric construction, and finishes in relation to use, serviceability, and care of apparel and household fabrics. (Lecture and laboratory)

TCL 222: Textiles II

Prerequisite: TCL 221. A continuation of TCL 221. Individualized laboratory examination of fibers, yarns, fabrics, and finishes. (Lecture and laboratory)

TCL 231: Introduction to Design

Elements and principles of design, and application to contemporary apparel design and production. An analysis of the relationship of design to figure type, personality, color, and fabrication. (Lecture and practical experiences)

TCL 311: Social and Psychological Aspects of Clothing (RTWE) 3 A study of cultural, aesthetic, functional, and technical factors which determine the meaning and use of clothing and textiles by individuals and society.

TCL 318: Historic Costume

A study of the development of costume from ancient times to the present. (Lecture)

TCL 337: Fashion Analysis

The study and analysis of the dynamic nature of fashion and the interacting forces which shape fashion trends in apparel. (Lecture)

TCL 342: Fashion Merchandising

Prerequisites: Completion of all course requirements in major and specialization area curricula through the junior level. The analysis of fashion merchandising practices and problems focusing on application of decision mechanisms. Lectures, tours, and related experiences.

TCL 410: Practical Problems and Field Experience

Prerequisites: Successful completion of all coursework through the junior level and consent of instructor. One semester with or without pay in a related business or industry setting. Formal instruction and supervision are provided. Scheduled by prearrangement only.

THEATRE

THE 107, 207, 307, or 407: Theatre Practicum I-IV Practical, supervised work with actual theatre productions. May be selected as performance or technical practicum in accordance with casting and other needs of stage productions.

THE 200: Introduction to Dance

A survey of the history and aesthetics of dance in relation to society and to the other arts. Includes instruction in basic dance techniques.

THE 204: Introduction to Theatre

Through readings, lectures, demonstrations, and active participation behind the scenes in an actual production, the student becomes familiar with theatre history, design, and tradition.

THE 210: World Drama

Prerequisite: ENG 211. Study of western world dramatic literature from antiquity to Ibsen. Emphasis is on works which are examples of the major periods of drama.

THE 220: Modern Drama

Prerequisite: THE 210. A study of dramatic literature from Ibsen to the present, illustrating the literary, historical, and social development of the modern era.

THE 250: Acting

Laboratory class in the fundamentals, techniques, and practice of stage credibility and acting, emphasizing development of relaxation, selfexploration, stage presence, and other acting skills and actual participation in a live performance.

THE 260: Music Theatre I

Prerequisite: THE 250. Development of skills in energizing, concentrating, and structuring. Energy concepts include physical, vocal, mental, and emotional energy. Concentrating concepts includes conceptualization and imagination.

THE 300: Interpretive Dance

Prerequisite: THE 200 or consent of instructor. Theory and practice of techniques and composition. Emphasis is placed on execution of dance techniques for theatrical productions.

THE 305: Theatre History

Prerequisite: THE 204. A survey of theatre from its primitive origins through the emergence of modern drama. Study of content and trends in dramatic literature and play production.

THE 360: Music Theatre II

Prerequisite: Audition. A continuation of skills stressed in Music Theatre I. Emphasis on singing, moving, isolation of vocal mechanisms, physical response, reflecting, and rhythmic patterns.

THE 380: Play Directing

Prerequisite: THE 250. A study of play direction and play analysis, blocking, line learning, and correct character portrayal. Students prepare a prompt book which details the director's plans.

THE 404: Stage Craft

Study and guided practice in the theory, principles, techniques, materials, and development through plans of scene and lighting design for the contemporary theatre.

THE 408: Black Theatre

Prerequisite: THE 204. Study of goals, careers, problems, dreams, and accomplishments of Black playwrights, actors, directors, choreographers, designers, critics, and theatre groups.

THE 410: Seminar in Theatre

Prerequisite: Consent of faculty. Examination and discussion of the styles of theatre practices with special emphasis on elements of production relating to stylistic conception.

**NEW STUDENT ORIENTATION** 

UNV 171: New Student Orientation

This course is designed to help students make a smooth transition (academic and social) to University life. Students are provided an introduction to the mechanics of the academic process, the resources and facilities available to them, and the environment in which they can develop new friendships and enjoy new experiences in order to gain self-confidence and become comfortable with the University.

#### WHITNEY YOUNG COLLEGE

WYC 101: Liberal Studies Seminar I

Introduction to the history of the ancient world through the Hellenistic period, followed by seminars on the greatest books of the time. Readings from Homer, Sophocles, Plato, Aristotle, the Old Testament, and Confucius. Open to non-WYC students.

WYC 102: Liberal Studies Seminar II

Prerequisite: WYC 101 or consent of instructor. Introduction to history from Roman times through the high Middle Ages, followed by seminars on the greatest books of the time. Readings from Virgil, Boethius, Aquinas, Dante, the New Testament, and Al-Ghazali. Open to non-WYC students.

WYC 111: Language I: Greek and English

Study of grammatical structure and translation of selections from Greek authors. Consideration of the nature and philosophy of language and regular work on English composition.

WYC 112: Language II: Greek and English

Prerequisite: WYC 111. Continuation of the work of WYC 111, further developing translation skills. English composition exercises are integrated into the study of Greek.

WYC 115: Language I: Latin and English

Study of grammatical structure and translation of selections from Latin authors. Consideration of the nature and philosophy of language and regular work on English composition.

WYC 116: Language II: Latin and English

Prerequisite: WYC 115. Continuation of the work of WYC 115, further developing translation skills. English composition exercises are integrated into the study of Latin.

WYC 121: Math-Science I: Classical Geometry and Astronomy 4 Euclid's Elements. Properties of straight lines, triangles, and circles; application of areas; theories of ratio and proportions; applications to astronomical phenomena.

WYC 122: Math-Science II: The Scientific Revolution

Prerequisite: WYC 121. The origins of the Scientific Revolution. The transition from ancient to early modern astronomy and physics. Readings from Ptolemy, Copernicus, Galileo, and others.

WYC 131: Beginning Classical Greek I

The same course as WYC 111, but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 132: Beginning Classical Greek II

Prerequisite: WYC 131. The same as WYC 112, but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 141: Elementary Latin I

The same course as WYC 115, but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 142: Elementary Latin II

Prerequisite: WYC 141. The same course as WYC 116, but without the English composition component. This course fulfills 3 semester credit hours of the University's foreign language requirement. Open to non-WYC students.

WYC 201: Liberal Studies Seminar III

Prerequisite: WYC 102 or consent of instructor. Introduction to history from the Renaissance through the French Revolution, followed by seminars on the greatest books of the time. Readings from Chaucer, Machiavelli, Montaigne, Descartes, Pascal, Shakespeare, Hobbes, Locke, and Rousseau. Open to non-WYC students.

WYC 202: Liberal Studies Seminar IV

Prerequisite: WYC 201 or consent of instructor. Introduction to history during the nineteenth and twentieth century, followed by seminars on the greatest books of the time. Readings from M. Shelley, Thoreau, Melville, Marx, F. Douglass, Joyce, and T.S. Eliot. Open to non-WYC

WYC 211: Language III: British Literature to 1700

The literary uses of language in narrative, drama, lyric poetry, and discursive prose from the early periods in Britain. Attention is given to literary analysis and to effective composition.

WYC 212: Language IV: Modern Literature in English

Close reading of literature of the English-speaking world from the eighteenth through the twentieth century. Extensive work on advanced composition.

WYC 221: Math-Science III: The Mechanical Universe

Prerequisite: WYC 122. The triumph of Newtonian mechanics and its significance. Concepts of mass, motion, force, and gravity are explored.

WYC 222: Math-Science IV: The Biological Revolution

Evolutionary theory and its relation to genetics. The background to and development of Darwin's theory of evolution. The search for the carrier of the genetic code and the discovery of DNA. Readings from such authors as Aristotle, Paley, Lamarck, Darwin, Mendel, Watson, and Crick. Open to non-WYC students.

WYC 241: Intermediate Classical Greek I

Prerequisites: WYC 112 or WYC 132 or consent of instructor. Reading and translation of authors such as Plato, Xenophon, and Demosthenes. Open to non-WYC students.

WYC 242: Intermediate Classical Greek II

Prerequisites: WYC 241 or consent of instructor. Reading and translation of a play by Sophocles or Euripides. Open to non-WYC students.

WYC 251: Intermediate Latin I

Prerequisites: WYC 116 or WYC 142 or the equivalent. Reading and translation of literature in Latin. Open to non-WYC students.

WYC 252: Intermediate Latin II

Prerequisite: WYC 251 or the equivalent. Continued close reading and translation of literature in Latin. Open to non-WYC students.

WYC 301: Great Books Seminar I

Seminars on the greatest books of the ancient and medieval world. Advanced readings from Homer, Aeschylus, Euripedes, Plato, Aristotle, Lucretius, the Bible, Augustine, and Aquinas. Open to non-WYC students.

WYC 302: Great Books Seminar II

Prerequisite: WYC 301 or consent of instructor. Seminars on the greatest books from the Renaissance through the nineteenth century. Advanced readings from Shakespeare, Luther, Descartes, Milton, Leibniz, Hume, Austen, Kant, Twain, and DuBois. Open to non-WYC students.

#### WYC 311: The Uses of Language

Classical and contemporary rhetoric: The study of how language is used for practical purposes, especially argument and persuasion. Open to non-WYC students.

#### WYC 321: Issues in Natural Science and Technology

A topics course which focuses on one or more key issues in the natural sciences (e.g., light theory, atomic energy, and bio-technology). Open to non-WYC students.

#### WYC 331: Preceptorial I (RTWE)

Intensive analytical work on texts chosen by tutors to complement the regular work in seminars and tutorials. Significant compositional work will be assigned. Open to non-WYC students.

## WYC 332: Preceptorial II (RTWE)

Intensive analytical work on texts chosen by tutors to complement the regular work in seminars and tutorials. Significant compositional work will be assigned. Open to non-WYC students.

#### WYC 351: Great Lives

Reading, discussion, and lectures focused upon the distinctive features of the lives of outstanding men and women. The readings are mainly comprised of biographies and autobiographies, some history, and works of fiction which help illuminate the concept of the heroic individual. Open to non-WYC students.

#### WYC 352: Comparative Cultures

The course is designed to elucidate the nature of culture and of particular cultures, considering a great variety of cultural forms and practices. Reading and discussion of various African, European, and Oriental cultures. Open to non-WYC students.

#### WYC 401: Great Books Seminar III

Prerequisite: WYC 302 or consent of instructor. Seminars on the greatest books from the nineteenth and twentieth century. Advanced readings from Goethe, Dostoevsky, Hegel, Kierkegaard, Tolstoy, Nietzsche, Freud, Whitehead, Heidegger, and Woolf. Open to non-WYC students.

#### WYC 421: Issues in the Human Sciences

A practical and theoretical study of basic issues and methods in the human sciences which integrates philosophical reflection, research experience, and an introduction to probability and statistics. Readings range from seventeenth century definitions of this new science through twentieth century debates. Open to non-WYC students.

#### WYC 431: Preceptorial III (RTWE)

Intensive analytical work on texts and topics chosen by tutors to complement the regular work in the seminars and tutorials. Extensive writing expected. Open to non-WYC students.

## WYC 432: Preceptorial IV (RTWE)

Intensive analytical work on texts and topics chosen by tutors to complement the regular work in the seminars and tutorials. Extensive writing expected. Open to non-WYC students.

#### WYC 441: Senior Essay (RTWE)

Independent study leading to a research honors essay on a topic chosen by the student and two readers. Weekly meetings with tutor. Use of secondary sources should receive secondary emphasis, but should cultivate the student's own critical thinking and demonstrate his/her readiness to join the discussion among published writers on the topic.

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